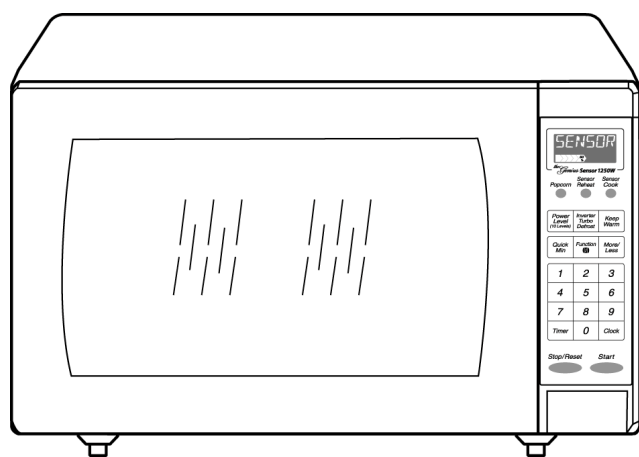


# Service Manual

## Microwave Oven



**NN-P994SFR**  
**NN-P994BFR**  
**NN-P994WFR NN-T995**  
**NN-T985SF NN-T975SF**  
**NN-T965SF NN-T955SF**  
**NN-T945SF NN-T935SF**  
**NN-T994SFR NN-T964SFR**  
**NN-H965 NN-S955**  
**NN-H935 NN-S935**  
**NN-S954BFR NN-S954WFR**  
**NN-S934BFR NN-S934WFR**

APH(USA)

CPH(CANADA)

RPH(Mexico/Latin American)

### Specifications:

| Model:                                          |  | Specifications for APH:                                                                                          |                  |                                       |                  |                   |                                     |                                 |                    |
|-------------------------------------------------|--|------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------|------------------|-------------------|-------------------------------------|---------------------------------|--------------------|
|                                                 |  | P994SFR<br>P994BFR<br>P994WFR                                                                                    | T995SF<br>T985SF | T975SF<br>T965SF<br>T945SF<br>T964SFR | T935SF           | T955SF<br>T994SFR | H965BF/WF<br>H935BF/WF<br>S935BF/WF | S955BF/WF<br>S954BFR<br>S954WFR | S934BFR<br>S934WFR |
| Specifications:                                 |  |                                                                                                                  |                  |                                       |                  |                   |                                     |                                 |                    |
| Power Source:                                   |  | 120V AC Single Phase, 60Hz                                                                                       |                  |                                       |                  |                   |                                     |                                 |                    |
| Power Requirement:                              |  | 1460W                                                                                                            |                  | 1460W                                 |                  | 1460W             |                                     | 1460W                           |                    |
| Output:                                         |  | 1250W                                                                                                            |                  | 1250W                                 |                  | 1250W             |                                     | 1250W                           |                    |
| Model:                                          |  | Specifications for CPH:                                                                                          |                  |                                       |                  |                   |                                     |                                 |                    |
|                                                 |  | P994SFR                                                                                                          |                  |                                       | T995SF           |                   |                                     | H965BF<br>H965WF                |                    |
| Power Source:                                   |  | 120V AC Single Phase, 60Hz                                                                                       |                  |                                       |                  |                   |                                     |                                 |                    |
| Power Requirement:                              |  | 1460W                                                                                                            |                  |                                       | 1460W            |                   |                                     | 1460W                           |                    |
| Output:                                         |  | 1200W                                                                                                            |                  |                                       | 1200W            |                   |                                     | 1200W                           |                    |
| Model:                                          |  | Specifications for RPH:                                                                                          |                  |                                       |                  |                   |                                     |                                 |                    |
|                                                 |  | T995SF<br>T995SM                                                                                                 |                  |                                       | S955WF<br>S955WM |                   |                                     |                                 |                    |
| Power Source:                                   |  | 120V AC Single Phase, 60Hz                                                                                       |                  |                                       |                  |                   |                                     |                                 |                    |
| Power Requirement:                              |  | 1460W                                                                                                            |                  |                                       | 1460W            |                   |                                     |                                 |                    |
| Output:                                         |  | 1250W                                                                                                            |                  |                                       | 1250W            |                   |                                     |                                 |                    |
| Microwave Frequency:                            |  | 2450MHz                                                                                                          |                  |                                       |                  |                   |                                     |                                 |                    |
| Timer:                                          |  | 30 min. / Stage (HIGH Power) ~ 5 Stage Maximum<br>99 min. 99 sec. / Stage (Other Power Levels) ~ 5 Stage Maximum |                  |                                       |                  |                   |                                     |                                 |                    |
| Outside Dimensions:                             |  | 23 $\frac{7}{8}$ "(606mm)(W) x 19 $\frac{9}{16}$ "(493mm)(D) x 14"(356mm)(H)                                     |                  |                                       |                  |                   |                                     |                                 |                    |
| Oven Cavity Dimensions:                         |  | 18 $\frac{7}{16}$ "(469mm)(W) x 18 $\frac{1}{2}$ "(470mm)(D) x 10 $\frac{15}{16}$ "(278mm)(H)                    |                  |                                       |                  |                   |                                     |                                 |                    |
| Oven Cavity Dimensions:                         |  | 2.2 cu.ft.                                                                                                       |                  |                                       |                  |                   |                                     |                                 |                    |
| Weight:                                         |  | 36 lbs. / 16.4 kg                                                                                                |                  |                                       |                  |                   |                                     |                                 |                    |
| PbF                                             |  | This product with PbF                                                                                            |                  |                                       |                  |                   |                                     |                                 |                    |
| Specifications subject to change without notice |  |                                                                                                                  |                  |                                       |                  |                   |                                     |                                 |                    |

# Panasonic®

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## **WARNING**

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

## **WARNING**

1. This product should be serviced only by trained, qualified personnel.
2. Though this product has been manufactured in compliance with:  
 "Federal Performance Standard 21 CFR Subchapter J"(D.H.H.S): U.S.A. models  
 or "Radiation Emitting Devices Act"(Health and Welfare Canada): Canadian models  
 it is very important all repairs should be made in accordance with procedures described in this manual to avoid being exposed to excessive microwave radiation.
3. Check for radiation leakage before and after every servicing according to the "procedure for measuring radiation leakage."
4. If the unit cannot be repaired on site, advise the customer not to use until unit is repaired.
5. Any serviceman who learns of any accident pertaining to microwave radiation leakage including the oven operating with open door should immediately notify the appropriate address listed below and Center for Devices and Radiological Health, DHHS.

IN U.S.A.  
(PASC) Panasonic Services Company  
50 Meadowland Parkway,  
Secaucus, New Jersey 07094  
Attention: Technical Service Division.  
(201)348-7000

IN PUERTO RICO  
(PSC) PSC  
San Gabriel Industrial Park  
65th Infantry Ave. Km.9.5  
Carolina, Puerto Rico 00985  
(787)750-4300

IN CANADA  
(PCI) Panasonic Canada Inc.  
5770 Ambler Drive, Mississauga,  
Ontario, L4W2T3  
(905)624-5010

6. There are special components used in the microwave oven which are important for safety. These parts are marked with a  on the replacement parts list. It is essential that these critical parts should be replaced only with the manufacture's specified parts to prevent microwave leakage, shock, fire, or other hazards. Do not modify the original design.

## **PRECAUTIONS TO BE OBSERVED BEFORE AND DURING SERVICING TO AVOID POSSIBLE EXPOSURE TO EXCESSIVE MICROWAVE ENERGY**

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(A) Do not operate or allow the oven to be operated with the door open.</p> <p>(B) Make the following safety checks on all ovens to be serviced before activating the magnetron or other microwave source, and make repairs as necessary:</p> <ol style="list-style-type: none"> <li>(1) Interlock operation</li> <li>(2) Proper door closing</li> <li>(3) Seal and sealing surfaces (arcing, wear, and other damage)</li> <li>(4) Damage to or loosening of hinges and latches.</li> <li>(5) Evidence of dropping or abuse</li> </ol> <p>(C) Before turning on microwave power for any service test or</p> | <p>inspection within the microwave generating compartments, check the magnetron, waveguide or transmission line, and cavity for proper alignment, integrity and connections.</p> <p>(D) Any defective or misadjusted components in the interlock, monitor, door seal, and microwave generation and transmission systems shall be repaired, replaced, or adjusted by procedures described in this manual before the oven is released to the owner.</p> <p>(E) A microwave leakage check to verify compliance with the Federal Performance Standard should be performed on each oven prior to release to the owner.</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## **CAUTION**

### **About lead free solder (PbF)**

**Distinction of PbF PCB:** PCBs (manufactured) using lead free solder will have a PbF stamp on the PCB.

- Caution:**
- Pb free solder has a higher melting point than standard solder; Typically the melting point is 30 - 40°C higher. Please use a high temperature soldering iron. In case of the soldering iron with temperature control, please set it to 370 ± 10°C.
  - Pb free solder will tend to splash when heated too high (about 600°C).

## DANGER OF HIGH VOLTAGE AND HIGH TEMPERATURE (HOT/LIVE) OF THE INVERTER POWER SUPPLY (U)

### INVERTER WARNING

This Inverter board looks like a regular PCB. However, this PCB drives the magnetron tube with extremely high voltage and high current.

**NEW H.V.**

IT HAS: 1. Very high voltage and high current circuits.

It functions the same as the high voltage transformer and high voltage capacitor in ordinary microwave ovens.

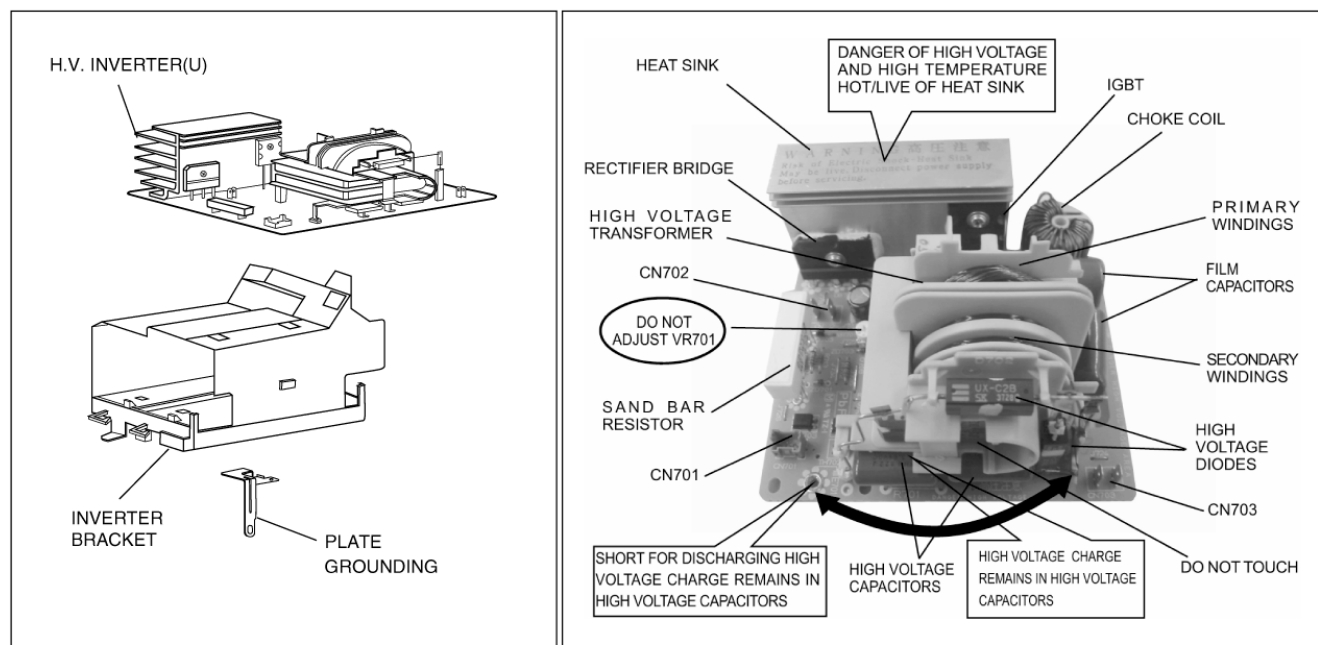
2. Aluminum heat sink that is energized with very high voltage and high heat energy.

3. Very high voltage which may remain in circuitry even when oven is off. High voltage charge may remain in the capacitors on the board.

DO NOT:

- \* 1. Do not touch circuitry because it has very hot (high voltage) circuitry. Even when replacing board, extreme care should be taken to avoid possible electric shock hazards. High voltage charge may remain in circuits.
- \* 2. Do not touch aluminum heat sink because it is energized with very high voltage and is also very hot in high heat energy.
- \* 3. Do not try to adjust or tamper with preset control on the Inverter board because it is very dangerous to adjust without proper test equipment.
- \* 4. Do not test oven while Inverter grounding plate or screws are loose. It is very dangerous to operate H.V. Inverter Circuit (U) with loose mounting screws or if improperly grounded.
- \* 5. For USA only:  
Do not try to repair Inverter PCB because it is very dangerous to repair. Replace as a complete High Voltage Inverter Circuit unit and return fully re-packed in original shipping box and shipping materials.

### INVERTER POWER SUPPLY

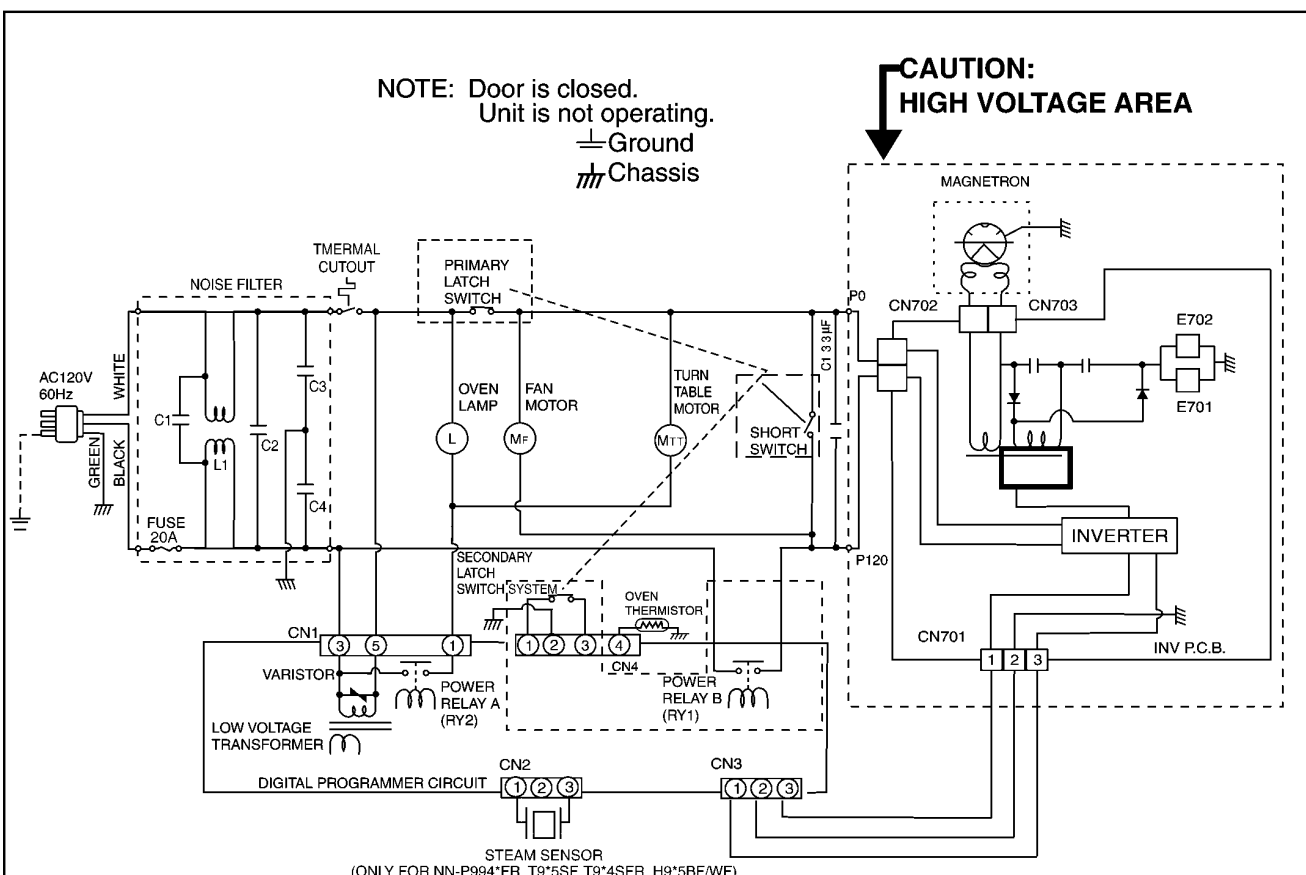


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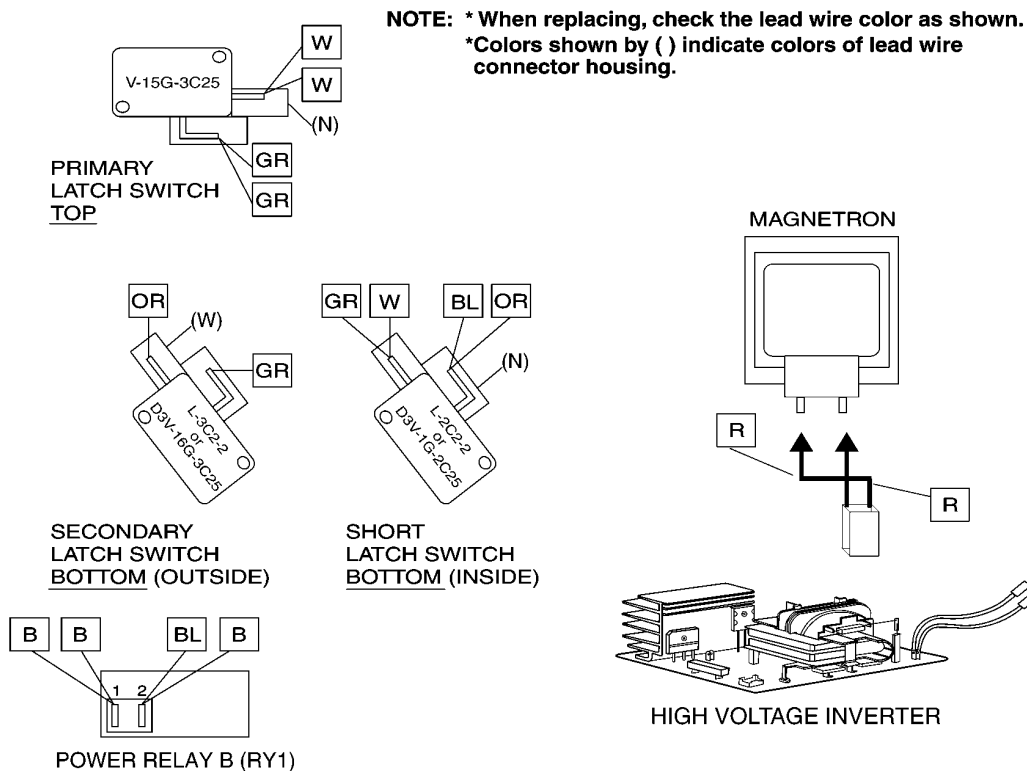
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# 1 SCHEMATIC DIAGRAM

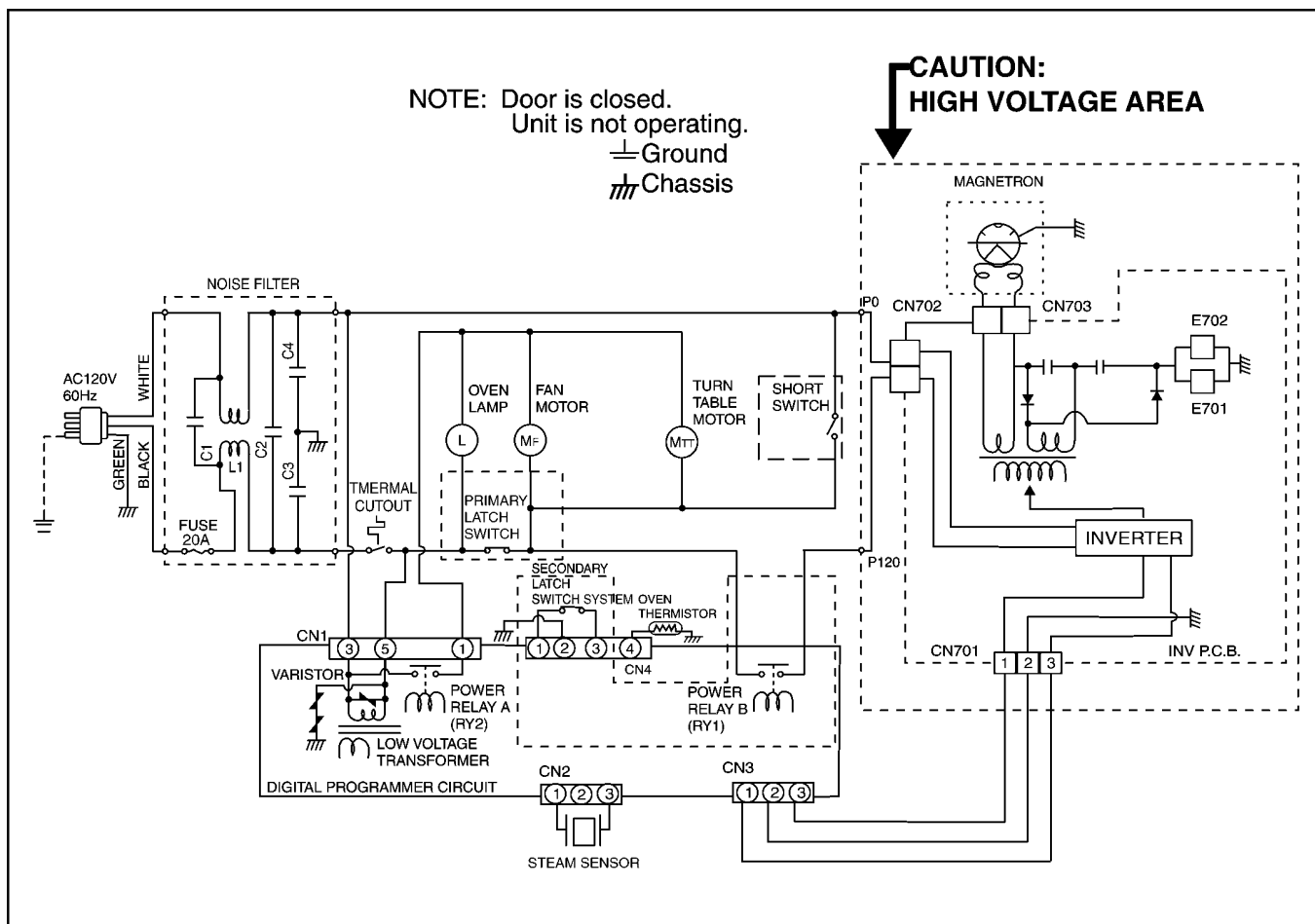
## 1.1. APH



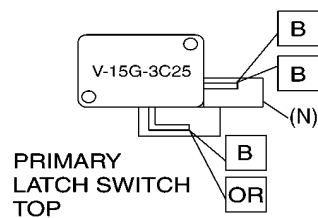
### WIRING DIAGRAM (APH)



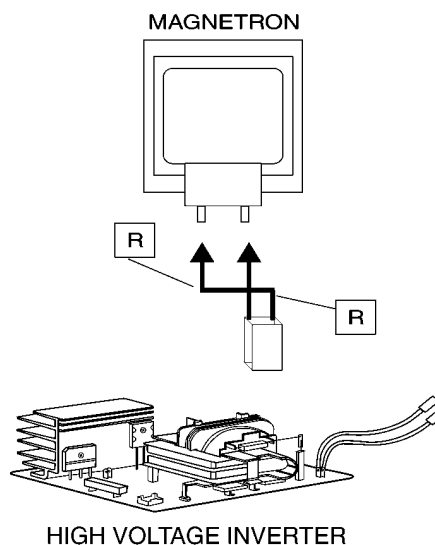
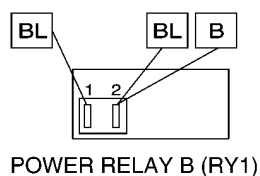
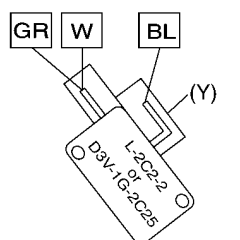
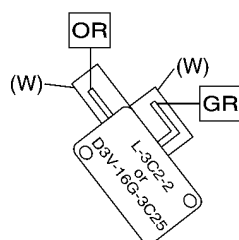
## 1.2. CPH



WIRING DIAGRAM (CPH)

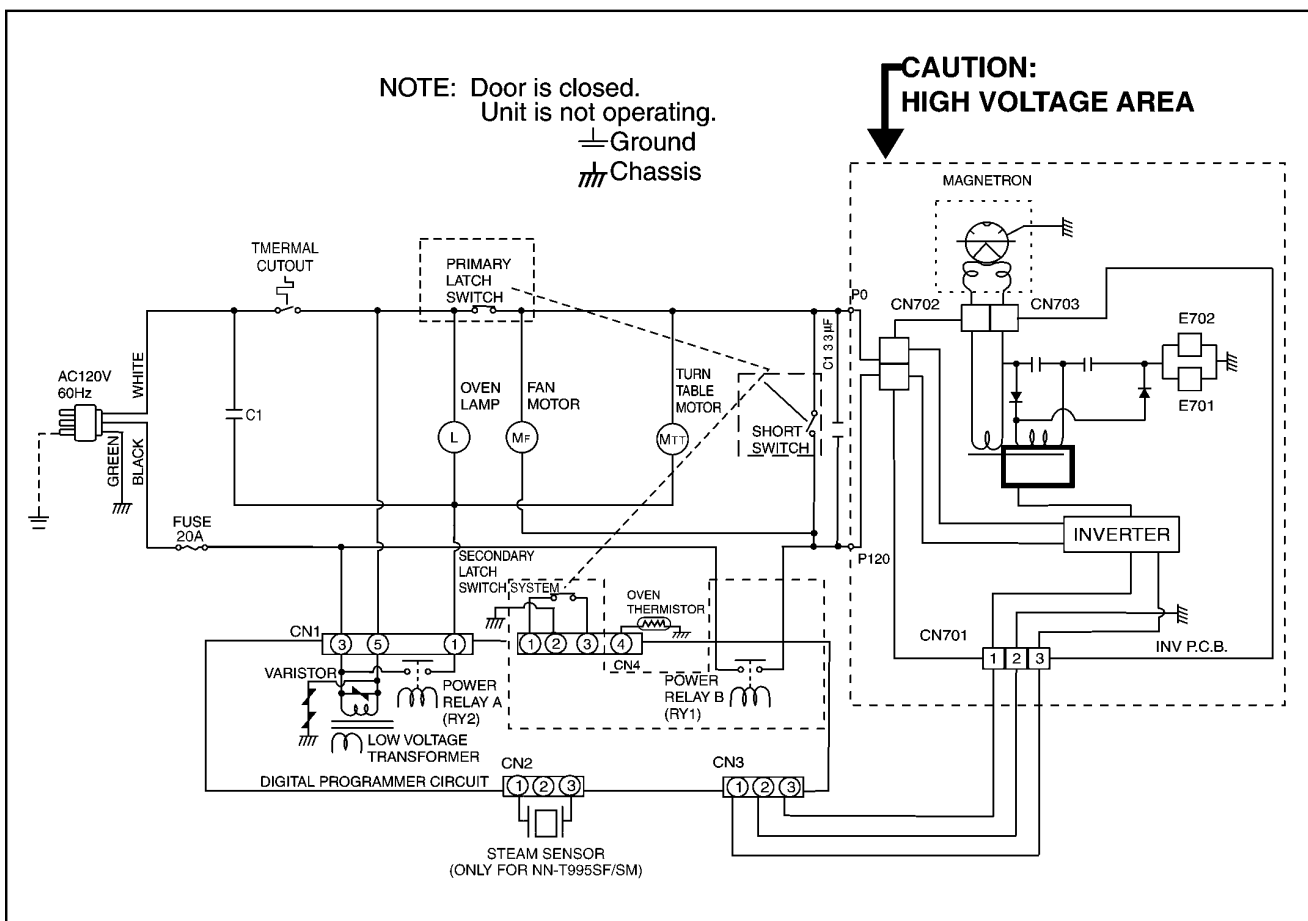


**NOTE:** \* When replacing, check the lead wire color as shown.  
\* Colors shown by ( ) indicate colors of lead wire connector housing.

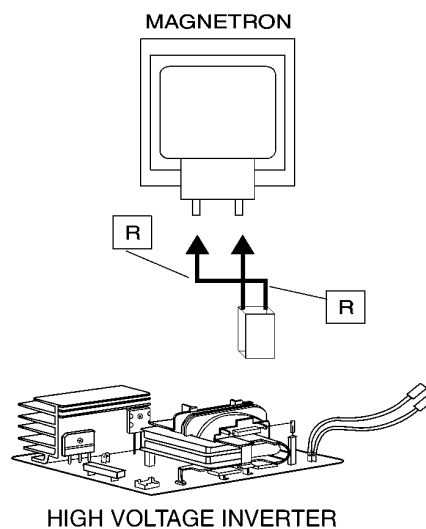
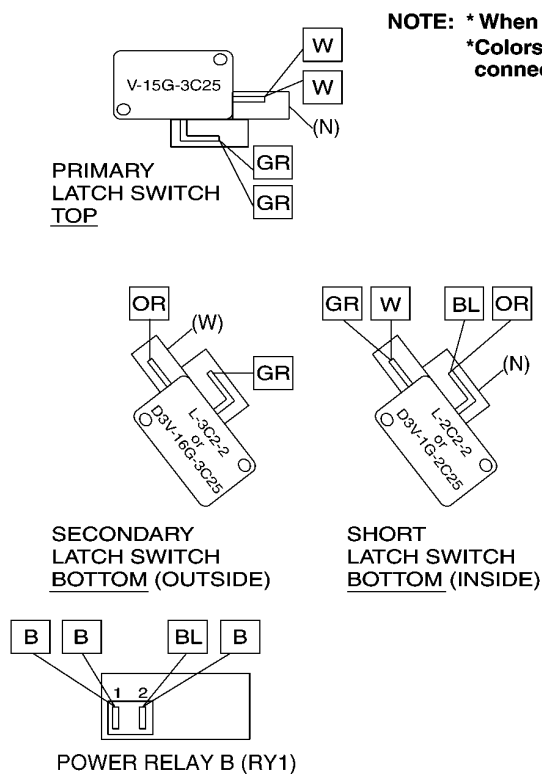


| SYMBOL | COLOR   |
|--------|---------|
| OR     | ORANGE  |
| BL     | BLUE    |
| BR     | BROWN   |
| W      | WHITE   |
| Y      | YELLOW  |
| R      | RED     |
| GR     | GRAY    |
| B      | BLACK   |
| N      | NATURAL |

# 1.3. RPH



WIRING DIAGRAM (RPH)



| SYMBOL | COLOR   |
|--------|---------|
| OR     | ORANGE  |
| BL     | BLUE    |
| BR     | BROWN   |
| W      | WHITE   |
| Y      | YELLOW  |
| R      | RED     |
| GR     | GRAY    |
| B      | BLACK   |
| N      | NATURAL |

## 2 MEASUREMENTS AND ADJUSTMENTS

### WARNING

- \* For continued protection against radiation hazard, replace only with identical replacement parts (For touch models Part No. J61424T00AP, Type No. V-15G-3C25 for Primary latch switch; Part No. J61414T00AP, Type No. D3V-16G-3C25 for Secondary latch switch and Part No. J61784T00AP, Type No. D3V-1G-2C25 for short switch.)
- \* When the 20 Amp. fuse is blown due to the operation of the short switch, you must replace power relay B (Part No. AEGG5G1A18, Type No. G5G-1A12VDC), Primary latch switch and the short switch. Then follow the installation procedures below.
- \* Interlock switch replacement In replacing faulty switches, be sure mounting tabs are not bent, broken or otherwise deficient in their ability to hold the switches.
- \* Refer to schematic diagram to ensure proper connection.

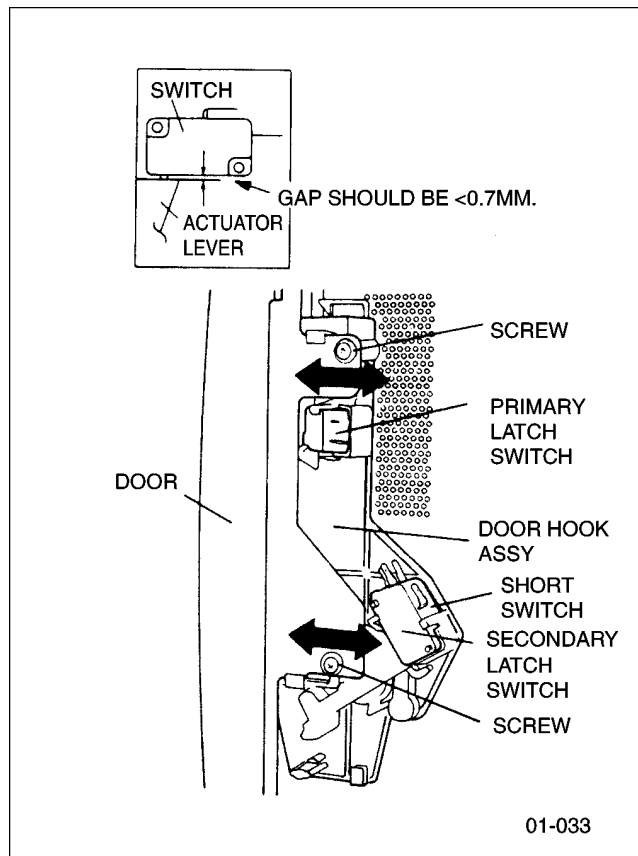
### 2.1. Adjustment of primary latch switch, secondary latch switch and short switch.

1. Mount the Primary latch switch, the Secondary latch switch and the short switch to the door hook assembly as shown in ILL.

#### NOTE:

No specific individual adjustments during installation of the Primary latch switch, Secondary latch switch or Short switch to the door hook are required.

2. When mounting the door hook assembly to the oven assembly, adjust the door hook assembly by moving it in the direction of the arrows in the illustration so that the oven door will not have any play in it. Check for play in the door by pulling the door assembly. Make sure that the latch keys move smoothly after adjustment is completed. Completely tighten the screws holding the door hook assembly to the oven assembly.
3. Reconnect the short switch and check the continuity of the monitor circuit and all latch switches again by following the component test procedures.



### 2.2. Measurement of microwave output

The output power of the magnetron can be determined by performing IEC standard test procedures. However, due to the complexity of IEC test procedures, it is recommended to test the magnetron using the simple method outlined below.

Necessary Equipment:

- \*1 liter beaker \*Glass thermometer
- \*Wrist watch or stopwatch

#### NOTE:

**Check the line voltage under load. Low voltage will lower the magnetron output. Take the temperature readings and heating time as accurately as possible.**

1. Fill the beaker with exactly one liter of tap water. Stir the water using the thermometer and record the water's temperature. (recorded as T1).
2. Place the beaker on the center of glass tray.  
Set the oven for High power and heat it for exactly one minute.
3. Stir the water again and read the temperature of the water. (recorded as T2).
4. The normal temperature rise at High power level for each model is as shown in table.

TABLE (1L-1min.test)

| RATED OUTPUT | TEMPERATURE RISE    |
|--------------|---------------------|
| 1200W        | Min. 18.5°F(10.3°C) |
| 1300W        | Min. 19.8°F(11.1°C) |

### 3 PROCEDURE FOR MEASURING MICROWAVE ENERGY LEAKAGE

#### WARNING

Check for radiation leakage after every servicing. Should the leakage be more than 2 mW/cm<sup>2</sup> (1mW/cm<sup>2</sup> for Canada) inform PASC, PSC, or PCI immediately. After repairing or replacing any radiation safety device, keep a written record for future reference, as required by D.H.H.S. and Health and Welfare Canada regulation. This requirement must be strictly observed. In addition, the leakage reading must be recorded on the service repair ticket while in the customer's home.

#### NOTE:

The U.S. Government standard is 5 mW/cm<sup>2</sup> while in the customer's home. 2mW/cm<sup>2</sup> stated here is our own voluntary standard. (1mW/cm<sup>2</sup> for Canada)

#### 3.1. Equipment

- Electromagnetic radiation monitor
- Glass thermometer 212°F or 100°C
- 600cc glass beaker

#### 3.2. Procedure for measuring radiation leakage

Note before measuring.

- Do not exceed meter full scale deflection. Leakage monitor should initially be set to the highest scale.
  - To prevent false readings the test probe should be held by the grip portion of the handle only and moved along the shaded area in Figure no faster than 1 inch/sec (2.5cm/sec).
  - Leakage with the outer panel removed ..... less than 5mW/cm<sup>2</sup>.
  - Leakage for a fully assembled oven with door normally closed ..... less than 2mW/cm<sup>2</sup> (1mW/cm<sup>2</sup> for Canada).
  - Leakage for a fully assembled oven [Before the latch switch (primary) is interrupted] while pulling the door ..... less than 2mW/cm<sup>2</sup>.
1. Pour 275 ± 15cc (9ozs ± 1/2oz) of 20°C ± 5°C (68° ± 9°F) water in a beaker which is graduated to 600cc, and place in the center of the oven.
  2. Set the radiation monitor to 2450MHz and use it following the manufacturer's recommended test procedure to assure correct results.
  3. When measuring the leakage, always use the 2 inch (5cm) spacer supplied with the probe.
  4. Tap the start pad or set the timer and with the magnetron oscillating, measure the leakage by holding the probe perpendicular to the surface being measured.

#### 3.2.1. Measurement with the outer panel removed.

Whenever you replace the magnetron, measure for radiation leakage before the outer panel is installed and after all necessary components are replaced or adjusted. Special care should be taken in measuring around the magnetron.

#### WARNING

Avoid contacting any high voltage parts.

#### 3.2.2. Measurements with a fully assembled oven.

After all components, including outer panel are fully assembled, measure for radiation leakage around the door periphery, the door viewing window, the exhaust opening and air inlet openings.

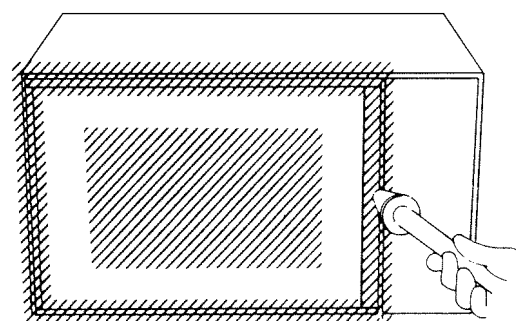
#### 3.3. Record keeping and notification after measurement

- After any adjustment or repair to a microwave oven, a leakage reading must be taken. Record this leakage reading on the repair ticket even if it is zero.

A copy of this repair ticket and the microwave leakage reading should be kept by repair facility.

- Should the radiation leakage be more than 2 mW/cm<sup>2</sup> (1mW/cm for Canada) after determining that all parts are in good condition, functioning properly, and genuine replacement parts as listed in this manual have been used, immediately notify PASC, PSC or PCI.

#### 3.4. At least once a year, have the radiation monitor checked for calibration by its manufacturer.



01-035

MOVE PROBE ALONG SHADED AREA(///// )AROUND EXHAUST OPENINGS AND AROUND AIR INLET OPENING

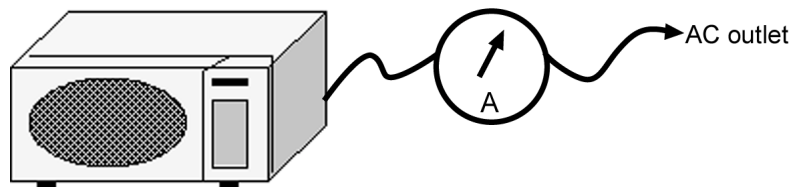
## 4 SIMPLE WAY OF H.V. INVERTER/MAGNETRON TROUBLESHOOTING

### Purpose:

Simple way (**3/23 seconds rule**) of identifying whether it's Magnetron, Inverter, or others.

### Set-up:

The unit under question is connected through the Ammeter as shown below.



### Procedure:

Follow the matrix table below to identify the problem source.

### Note:

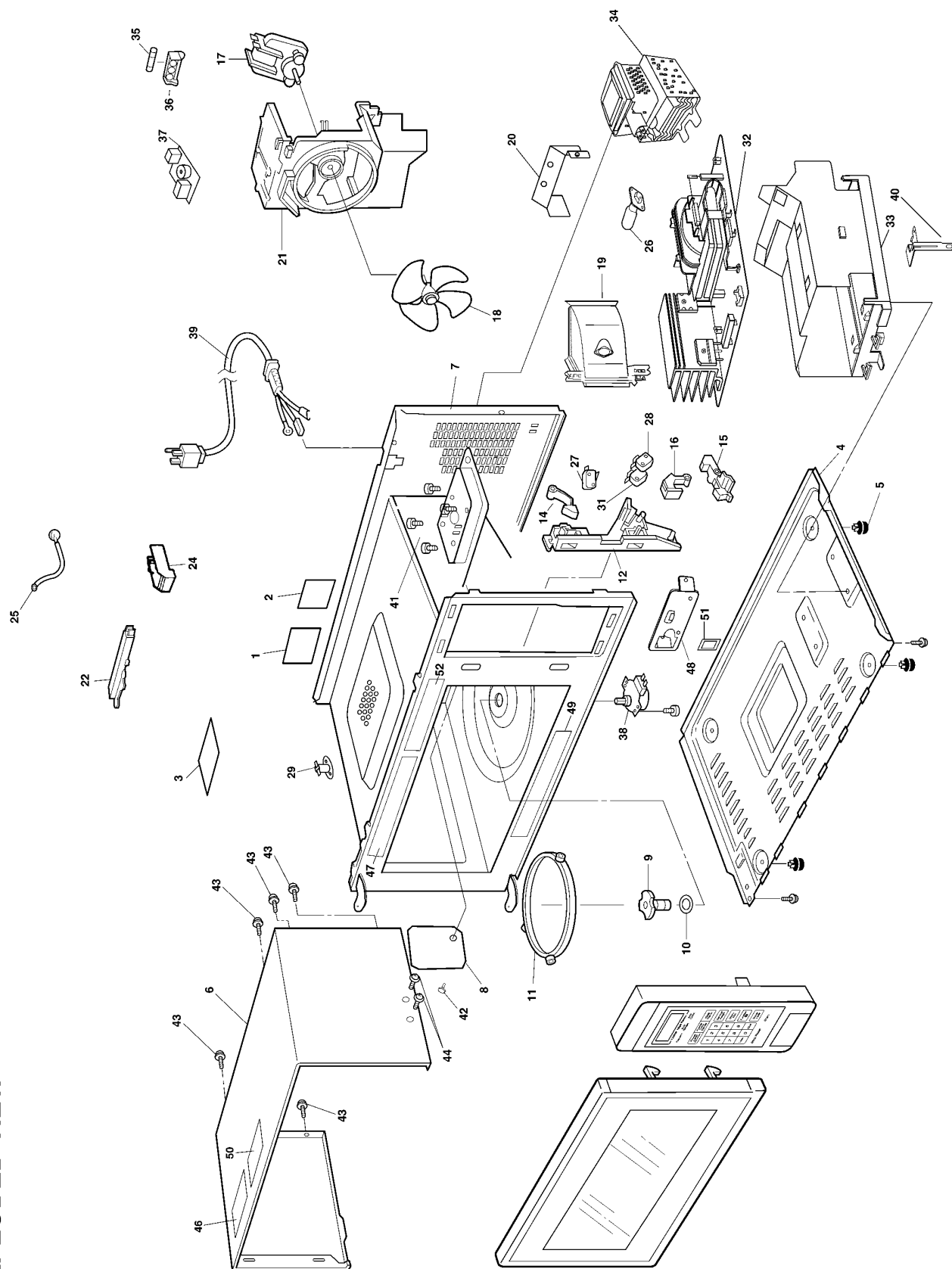
**Do not replace both Inverter board and Magnetron simultaneously and automatically without going through this procedure.**

| Power will:                           | Ammeter reading is:       | To do:                                                       | Remedy:                                                                   |
|---------------------------------------|---------------------------|--------------------------------------------------------------|---------------------------------------------------------------------------|
| Shut off in 23 seconds after "Start". | 1. Between 0.5A and 1.0A. | Check and repair open magnetron circuit                      | Open magnetron wiring between Inverter and magnetron terminal.            |
|                                       | 2. Between 1.0A and 2.0A. | Check continuity of D702 in Inverter PCB.                    |                                                                           |
|                                       |                           | ↓                                                            |                                                                           |
|                                       |                           | 1. D702 shorted                                              | Replace <b>H.V.Inverter</b> (F606Y6G00AP/F606Y6G00CP)                     |
|                                       |                           | 2. D702 is OK                                                | Replace <b>magnetron</b>                                                  |
| Shut off in 3 seconds after "Start"   | 1. Less than 0.5A         | Check open circuit: Latch Switch, DPC, Power Relay and CN701 | Replace defective component(s), or correct switch, cables and connectors. |

# 5 EXPLODED VIEW AND PARTS LIST

## 5.1. EXPLODED VIEW

EXPLODED VIEW



## 5.2. PARTS LIST

### NOTE:

1. When ordering replacement part(s), please use part number(s) shown in this part list.

Do not use description of the part.

2. Important safety notice:

Components identified by  $\triangle$  mark have special characteristics important for safety.

When replacing any of these components, use only manufacture's specified parts.

### NOTE:

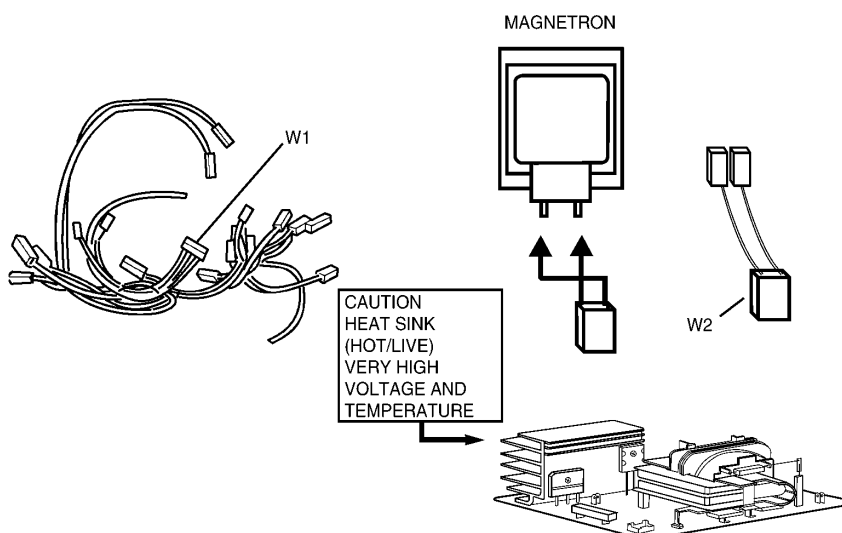
“A” parts are supplied by CSD (Japan)

“F” parts are supplied by PHAMOS (China)

| Ref. No. |             | Part No.     | Part Name & Description | Pcs/Set | Remarks                                                            |
|----------|-------------|--------------|-------------------------|---------|--------------------------------------------------------------------|
| 1        |             | F00064W70AP  | CAUTION LABEL           | 1       | P994*FR APH, T9*5SF APH, T9*4SFR APH                               |
| 1        |             | F00069660AP  | CAUTION LABEL           | 1       | H9*5 APH, S9*5 APH, S9*4BFR/WFR APH, T995SF/SM RPH, S955WF/WM RPH  |
| 1        |             | F00067600CP  | CAUTION LABEL           | 1       | CPH                                                                |
| 2        |             | F00077B00BAP | NAME PLATE              | 1       | H965BF APH                                                         |
| 2        |             | F00077B00HAP | NAME PLATE              | 1       | H965WF APH                                                         |
| 2        |             | F00077E30BAP | NAME PLATE              | 1       | H935BF APH                                                         |
| 2        |             | F00077E30HAP | NAME PLATE              | 1       | H935WF APH                                                         |
| 2        |             | F00077B20BAP | NAME PLATE              | 1       | S955BF APH                                                         |
| 2        |             | F00077B20HAP | NAME PLATE              | 1       | S955WF APH                                                         |
| 2        |             | F00077B40BAP | NAME PLATE              | 1       | S935BF APH                                                         |
| 2        |             | F00077B40HAP | NAME PLATE              | 1       | S935WF APH                                                         |
| 2        |             | F00077B10BAP | NAME PLATE              | 1       | S954BFR APH                                                        |
| 2        |             | F00077B10HAP | NAME PLATE              | 1       | S954WFR APH                                                        |
| 2        |             | F00077E40BAP | NAME PLATE              | 1       | S934BFR APH                                                        |
| 2        |             | F00077E40HAP | NAME PLATE              | 1       | S934WFR APH                                                        |
| 2        |             | F00077B30HRP | NAME PLATE              | 1       | S955WF RPH                                                         |
| 3        |             | F00337D00AP  | FUSE LABEL              | 1       | APH, CPH                                                           |
| 3        |             | F00337D00RP  | FUSE LABEL              | 1       | RPH                                                                |
| 4        |             | F10016G10AP  | BASE                    | 1       |                                                                    |
| 5        |             | F10084T00AP  | RUBBER FOOT             | 4       |                                                                    |
| 6        |             | F110D6G10SAP | CABINET BODY            | 1       | P994SFR                                                            |
| 6        |             | F110D6G20BAP | CABINET BODY            | 1       | P994BFR                                                            |
| 6        |             | F110D6G20HAP | CABINET BODY            | 1       | P994WFR                                                            |
| 6        |             | F110D5W10SAP | CABINET BODY            | 1       | T995SF APH/CPH, T995SF/SM RPH, T975SF APH, T965SF APH, T9*4SFR APH |
| 6        |             | F110D4U50SAP | CABINET BODY            | 1       | T985SF APH, T955SF APH, T945SF APH, T935SF APH                     |
| 6        |             | F110D5W20BAP | CABINET BODY            | 1       | H9*5BF, S9*5BF, S9*4BFR                                            |
| 6        |             | F110D5W20HAP | CABINET BODY            | 1       | H9*5WF, S9*5WF, S9*4WFR                                            |
| 7        | $\triangle$ | F200A5W20AP  | OVEN                    | 1       | P994*FR, T9*5SF/SM, T9*4SFR APH, H9*5                              |
| 7        | $\triangle$ | F200A5W30AP  | OVEN                    | 1       | S9*5, S9*4BFR/WFR                                                  |
| 8        |             | F20555K00AP  | COVER                   | 1       |                                                                    |
| 9        |             | F21315Y00AP  | PULLY SHAFT             | 1       |                                                                    |
| 10       |             | F2177-F80    | WASHER                  | 1       |                                                                    |
| 11       |             | F290D9330AP  | ROLLER RING (U)         | 1       |                                                                    |
| 12       | $\triangle$ | F3020-1200   | DOOR HOOK               | 1       |                                                                    |
| 14       |             | F3136-1200   | HOOK LEVER A            | 1       |                                                                    |
| 15       |             | F31374650AP  | HOOK LEVER B            | 1       |                                                                    |
| 16       |             | F31384650AP  | HOOK LEVER C            | 1       |                                                                    |
| 17       |             | F400A5Y00AP  | FAN MOTOR               | 1       | AC120V, SINGLE PHASE, 60Hz                                         |
| 18       |             | F40084T00AP  | FAN BLADE               | 1       |                                                                    |
| 19       |             | F40254W00AP  | AIR GUIDE A             | 1       |                                                                    |
| 20       |             | F40264T60AP  | AIR GUIDE B             | 1       |                                                                    |
| 21       |             | F41445W00AP  | ORIFICE                 | 1       |                                                                    |
| 22       |             | F64508660AP  | SENSOR COVER B          | 1       | P994*FR, T9*5SF/SM, T9*4SFR APH, H9*5                              |
| 24       |             | F65434W00AP  | SENSOR COVER C          | 1       | P994*FR, T9*5SF/SM, T9*4SFR APH, H9*5                              |
| 25       |             | A607S4M00AP  | STEAM SENSOR            | 1       | P994*FR, T9*5SF/SM, T9*4SFR APH, H9*5                              |
| 26       |             | F612E4W00AP  | INCANDESCENT LAMP (U)   | 1       | 125V, 60Hz, 20W                                                    |
| 27       | $\triangle$ | J61424T00AP  | MICRO SWITCH            | 1       | (PRIMARY LATCH SWITCH) (V-15G-3C25)                                |
| 28       | $\triangle$ | J61414T00AP  | MICRO SWITCH            | 1       | (SECONDARY LATCH SWITCH) (D3V-16G-3C25)                            |
| 29       | $\triangle$ | F61456N60AP  | THERMAL CUTOUT          | 1       | 150°C/-20°C                                                        |
| 31       | $\triangle$ | J61784T00AP  | MICRO SWITCH            | 1       | (SHORT SWITCH) (D3V-1G-2C25)                                       |
| 32       | $\triangle$ | F606Y6G00AP  | H.V. INVERTER (U)       | 1       | APH, RPH                                                           |
| 32       | $\triangle$ | F606Y6G00CP  | H.V. INVERTER (U)       | 1       | CPH                                                                |
| 33       |             | F65856K50AP  | INVERTER BRACKET        | 1       |                                                                    |
| 34       | $\triangle$ | 2M261-M32F   | MAGNETRON               | 1       | APH, RPH                                                           |
| 34       | $\triangle$ | 2M261-M32J   | MAGNETRON               | 1       | CPH                                                                |
| 35       | $\triangle$ | F62307A00AP  | FUSE                    | 1       | 20A                                                                |
| 36       |             | F62315G10XN  | FUSE HOLDER             | 1       | RPH                                                                |

| Ref. No. |   | Part No.     | Part Name & Description | Pcs/Set | Remarks                                                                                                |
|----------|---|--------------|-------------------------|---------|--------------------------------------------------------------------------------------------------------|
| 37       |   | J692Y7D00AP  | NOISE FILTER            | 1       | APH                                                                                                    |
| 37       |   | J692Y4T00CPR | NOISE FILTER            | 1       | CPH                                                                                                    |
| 38       |   | F63265G60AP  | TURNTABLE MOTOR         | 1       |                                                                                                        |
| 39       |   | F900C4T60CP  | AC CORD W/PLUG          | 1       | P994*FR APH, T9*5SF APH, T9*4SFR APH                                                                   |
| 39       | ⚠ | F900C4T00AP  | AC CORD W/PLUG          | 1       | H9*5 APH, S9*5 APH, S954*FR APH, S934*FR APH, T995 RPH, S955 RPH                                       |
| 39       | ⚠ | F900C4W10CP  | AC CORD W/PLUG          | 1       | CPH                                                                                                    |
| 40       |   | F66626G10AP  | GROUNDING PLATE         | 1       |                                                                                                        |
| 41       |   | XTWFA4+12T   | SCREW                   | 4       | FOR MAGNETRON                                                                                          |
| 42       |   | F90804W00AP  | CANOE CLIP              | 1       | FOR COVER                                                                                              |
| 43       |   | XTTANE4T12A0 | SCREW                   | 5       | FOR CABINET BODY                                                                                       |
| 44       |   | XTTFA4+8BFZ  | SCREW                   | 2       | FOR CABINET BODY SIDE (P994BFR, H9*5BF, S9*5BF, S9*4BFR)                                               |
| 44       |   | XTTFA4+8BCR  | SCREW                   | 2       | FOR CABINET BODY SIDE (P994SFR/WFR, T9*5SF/SM, T9*4SFR, H9*5WF, S9*5WF, S9*4WFR)                       |
| 46       |   | F02445Y00AP  | CAUTION LABEL           | 1       | P994SFR, T995SF/SM, T975SF, T965SF, T9*4SFR APH                                                        |
| 47       |   | F03347B60AP  | MENU LABEL              | 1       | T995SF APH, T985SF APH                                                                                 |
| 47       |   | F03347B60CP  | MENU LABEL              | 1       | T995SF CPH                                                                                             |
| 47       |   | F03347B60RP  | MENU LABEL              | 1       | T995SF/SM RPH                                                                                          |
| 47       |   | F03347D60AP  | MENU LABEL              | 1       | H965BF/WF APH, H935BF/WF APH                                                                           |
| 47       |   | F03347D60CP  | MENU LABEL              | 1       | H965BF/WF CPH                                                                                          |
| 47       |   | F03346L20AP  | MENU LABEL              | 1       | S935BF/WF APH                                                                                          |
| 47       |   | F03347G50RP  | MENU LABEL              | 1       | S955WF/WM RPH                                                                                          |
| 48       |   | F82575W00AP  | DOOR OPENING BRACKET    | 1       | P994*FR, T995SF, T994SFR APH, H965 APH/CPH, H935 APH, S935 APH                                         |
| 48       |   | F82574U00AP  | DOOR OPENING BRACKET    | 1       | T995SF/SM, T985SF, T975SF, T965SF, T945SF, T935SF, T964SFR APH, S954*FR APH, S934*FR APH, S955 APH/RPH |
| 49       |   | F04467D00AP  | FUNCTION LABEL          | 1       | T995SF APH, T985SF APH                                                                                 |
| 49       |   | F04467D00CP  | FUNCTION LABEL          | 1       | T995SF CPH                                                                                             |
| 49       |   | F04467D00RP  | FUNCTION LABEL          | 1       | T995SF/SM RPH                                                                                          |
| 50       |   | F00066G00RP  | CAUTION LABEL           | 1       | T995SF/SM RPH                                                                                          |
| 51       |   | F11406G00AP  | LEVER STOPPER           | 1       | P994*FR, H965 APH/CPH, H935 APH, S935 APH                                                              |
| 52       |   | F00167D00AP  | CAUTION LABEL           | 1       | T995SF APH, T985SF APH                                                                                 |

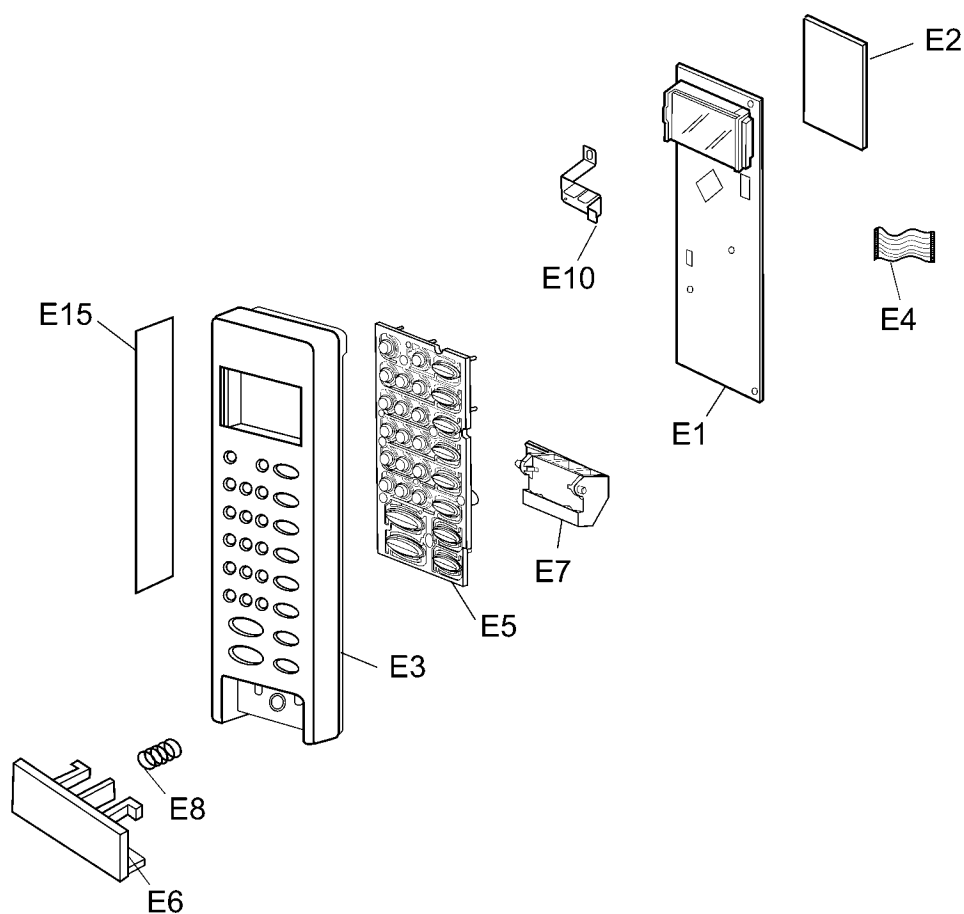
### 5.3. WIRING MATERIALS



| Ref. No. |  | Part No.    | Part Name & Description | Pcs/Set | Remarks  |
|----------|--|-------------|-------------------------|---------|----------|
| W1       |  | F030A7B60AP | LEAD WIRE HARNESS       | 1       | APH      |
| W1       |  | F030A7B60CP | LEAD WIRE HARNESS       | 1       | CPH      |
| W1       |  | F030A6P40AG | LEAD WIRE HARNESS       | 1       | RPH      |
| W2       |  | F030E6G30AP | H.V. LEAD WIRE          | 1       | APH, RPH |
| W2       |  | F030E6G30CP | H.V. LEAD WIRE          | 1       | CPH      |

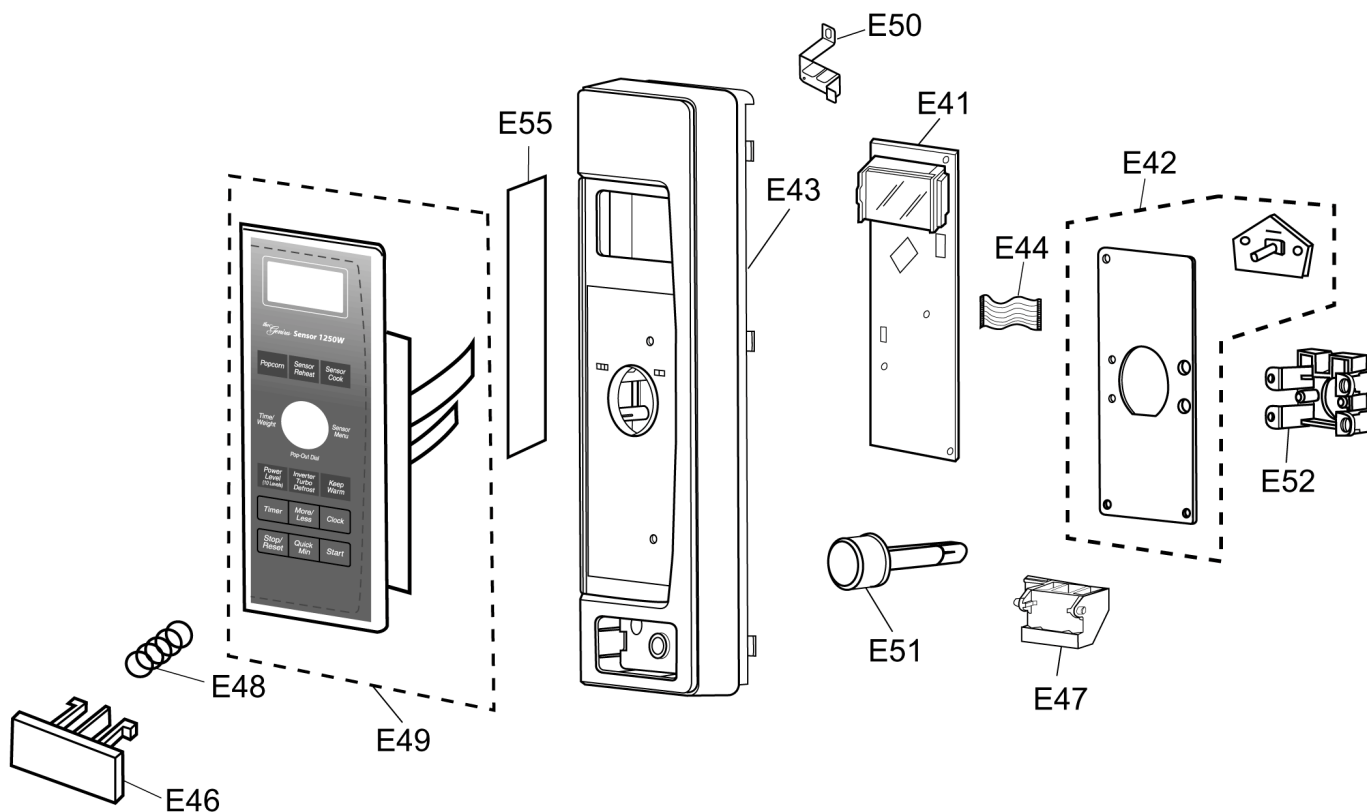
## 5.4. ESCUTCHEON BASE ASSEMBLY

### 5.4.1. P994\*FR APH/CPH



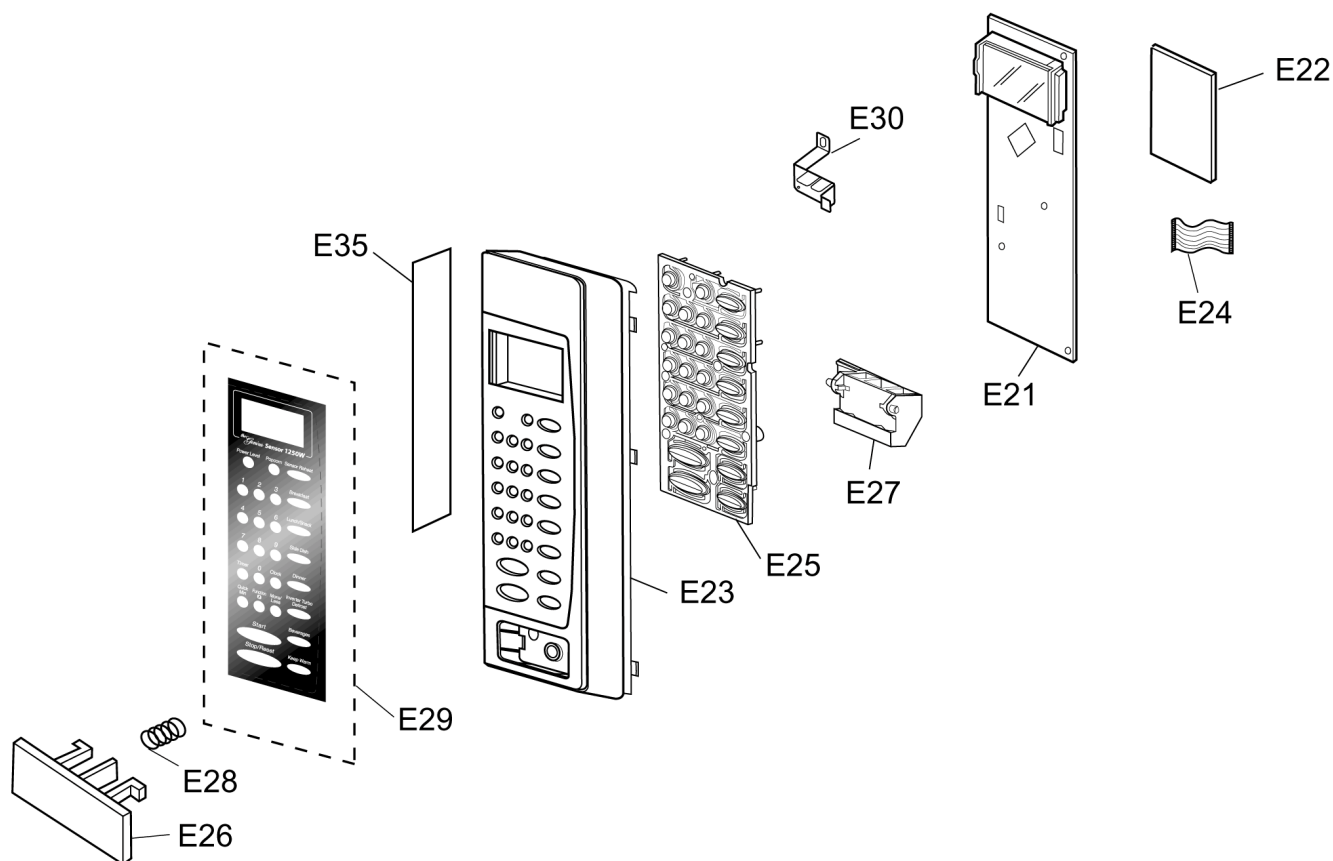
| Ref. No. | Part No.     | Part Name & Description | Pcs/Set | Remarks             |
|----------|--------------|-------------------------|---------|---------------------|
| E1       | F603L7A00AP  | D.P.CIRCUIT (AU)        | 1       | P994SFR/BFR/WFR APH |
| E1       | F603L7A00CP  | D.P.CIRCUIT (AU)        | 1       | P994SFR CPH         |
| E2       | F603Y5W00AP  | D.P.CIRCUIT (DU)        | 1       | P994SFR/BFR/WFR APH |
| E2       | F603Y5W00CP  | D.P.CIRCUIT (DU)        | 1       | P994SFR CPH         |
| E3       | F800L6G00SAP | ESCUTCHEON BASE (U)     | 1       | P994SFR APH         |
| E3       | F800L6G00BAP | ESCUTCHEON BASE (U)     | 1       | P994BFR APH         |
| E3       | F800L6G00HAP | ESCUTCHEON BASE (U)     | 1       | P994WFR APH         |
| E3       | F800L6G00SCP | ESCUTCHEON BASE (U)     | 1       | P994SFR CPH         |
| E4       | F66164W20AP  | FLAT CABLE              | 1       | P994*FR APH/CPH     |
| E5       | F82986G00SAP | BUTTON                  | 1       | P994SFR APH/CPH     |
| E5       | F82986G00BAP | BUTTON                  | 1       | P994BFR APH         |
| E5       | F82986G00HAP | BUTTON                  | 1       | P994WFR APH         |
| E6       | F891P6G00SAP | DOOR OPENING BUTTON     | 1       | P994SFR APH/CPH     |
| E6       | F891P6G00BAP | DOOR OPENING BUTTON     | 1       | P994BFR APH         |
| E6       | F891P6G00HAP | DOOR OPENING BUTTON     | 1       | P994WFR APH         |
| E7       | F82565W00AP  | DOOR OPENING LEVER      | 1       | P994*FR APH/CPH     |
| E8       | F80375K00AP  | COOK BUTTON SPRING      | 1       |                     |
| E10      | F90095X00AP  | GROUNDING PANEL         | 1       | P994*FR APH/CPH     |
| E15      | F00077A00SAP | NAME PLATE              | 1       | P994SFR APH         |
| E15      | F00077A00BAP | NAME PLATE              | 1       | P994BFR APH         |
| E15      | F00077A00HAP | NAME PLATE              | 1       | P994WFR APH         |
| E15      | F00077A00SCP | NAME PLATE              | 1       | P994SFR CPH         |

# 5.4.2. NN-T995SF APH/CPH, T995SF/SM RPH, T985SF APH



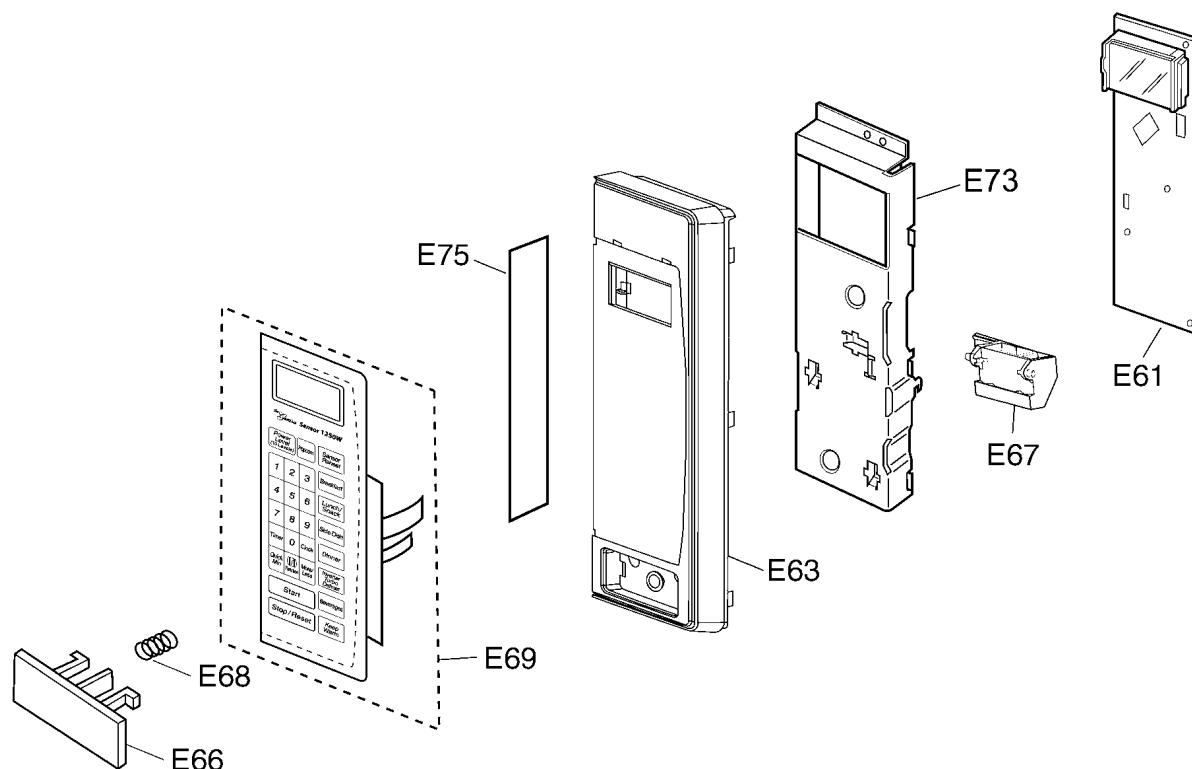
| Ref. No. | Part No.     | Part Name & Description | Pcs/Set | Remarks                                   |
|----------|--------------|-------------------------|---------|-------------------------------------------|
| E41      | F603L7A10AP  | D.P.CIRCUIT (AU)        | 1       | T995SF APH, T985SF APH                    |
| E41      | F603L7A10CP  | D.P.CIRCUIT (AU)        | 1       | T995SF CPH                                |
| E41      | F603L7A10RP  | D.P.CIRCUIT (AU)        | 1       | T995SF/SM RPH                             |
| E42      | F603Y7A10AP  | D.P.CIRCUIT (DU)        | 1       | T995SF APH, T985SF APH                    |
| E42      | F603Y7A10CP  | D.P.CIRCUIT (DU)        | 1       | T995SF CPH, T995SF/SM RPH                 |
| E43      | F800L7A10BAP | ESCUTCHEON BASE (U)     | 1       | T995SF APH/CPH, T995SF/SM RPH, T985SF APH |
| E44      | F66167D00AP  | FLAT CABLE              | 1       | T995SF APH/CPH, T995SF/SM RPH, T985SF APH |
| E46      | F80724M60SCP | DOOR OPENING BUTTON     | 1       | T9*5SF/SM, T9*4SFR APH                    |
| E47      | F82564M60AP  | DOOR OPENING LEVER      | 1       | T995SF APH/CPH, T995SF/SM RPH, T985SF APH |
| E48      | F80375K00AP  | COOK BUTTON SPRING      | 1       |                                           |
| E49      | F630Y7A10SAP | MEMBRANE SWITCH (U)     | 1       | T995SF APH, T985SF APH                    |
| E49      | F630Y7A10SCP | MEMBRANE SWITCH (U)     | 1       | T995SF CPH                                |
| E49      | F630Y7A10SRP | MEMBRANE SWITCH (U)     | 1       | T995SF/SM RPH                             |
| E50      | F90095X00AP  | GROUNDING PANEL         | 1       | T995SF APH/CPH, T995SF/SM RPH, T985SF APH |
| E51      | F80367D00BAP | POP-UP DIAL (U)         | 1       | T995SF APH/CPH, T995SF/SM RPH, T985SF APH |
| E52      | F80187D00BAP | BACKSTOP                | 1       | T995SF APH/CPH, T995SF/SM RPH, T985SF APH |
| E55      | F00077A10SAP | NAME PLATE              | 1       | T995SF APH                                |
| E55      | F00077A10SCP | NAME PLATE              | 1       | T995SF CPH                                |
| E55      | F00077A10SRP | NAME PLATE              | 1       | T995SF RPH                                |
| E55      | F00077A20SAP | NAME PLATE              | 1       | T985SF APH                                |

### 5.4.3. NN-T955SF APH, T994SFR APH



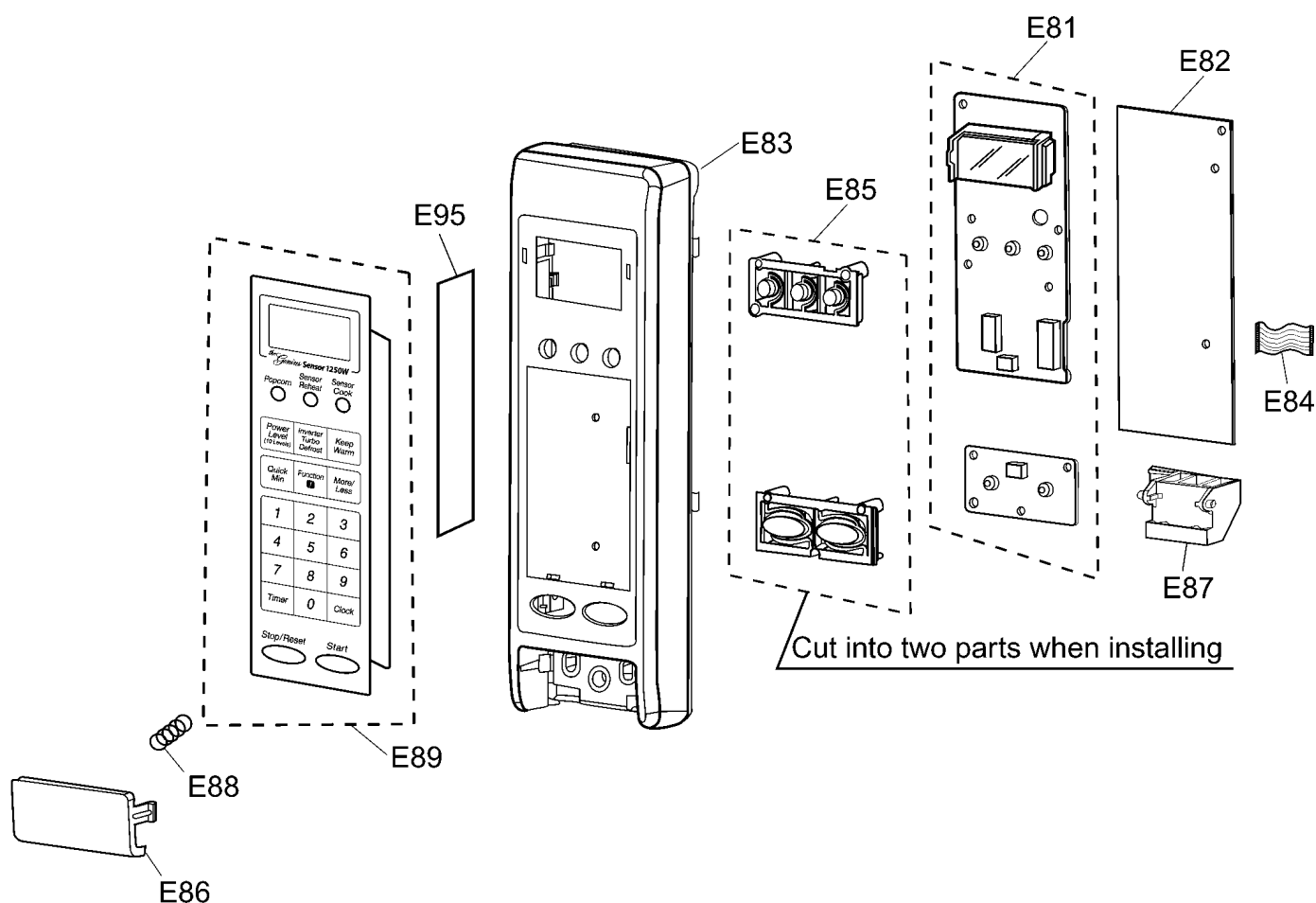
| Ref. No. | Part No.     | Part Name & Description | Pcs/Set | Remarks                 |
|----------|--------------|-------------------------|---------|-------------------------|
| E21      | F603L7A60AP  | D.P.CIRCUIT (AU)        | 1       | T955SF APH, T994SFR APH |
| E22      | F603Y5W00AP  | D.P.CIRCUIT (DU)        | 1       | T955SF APH, T994SFR APH |
| E23      | F800L5W00BAP | ESCUTCHEON BASE (U)     | 1       | T955SF APH, T994SFR APH |
| E24      | F66164W20AP  | FLAT CABLE              | 1       | T955SF APH, T994SFR APH |
| E25      | F82985W00AP  | BUTTON                  | 1       | T955SF APH, T994SFR APH |
| E26      | F80724M60SCP | DOOR OPENING BUTTON     | 1       | T9*5SF/SM, T9*4SFR APH  |
| E27      | F82565W00AP  | DOOR OPENING LEVER      | 1       | T955SF APH, T994SFR APH |
| E28      | F80375K00AP  | COOK BUTTON SPRING      | 1       |                         |
| E29      | F83377A60SAP | MEMBRANE SHEET          | 1       | T955SF APH              |
| E29      | F83376G10SAP | MEMBRANE SHEET          | 1       | T994SFR APH             |
| E30      | F90095X00AP  | GROUNDING PANEL         | 1       | T955SF APH, T994SFR APH |
| E35      | F00077A60SAP | NAME PLATE              | 1       | T955SF APH              |
| E35      | F00077A40SAP | NAME PLATE              | 1       | T994SFR APH             |

#### 5.4.4. NN-T975SF APH, T965SF APH, T945SF APH, T935SF APH, T964SFR APH



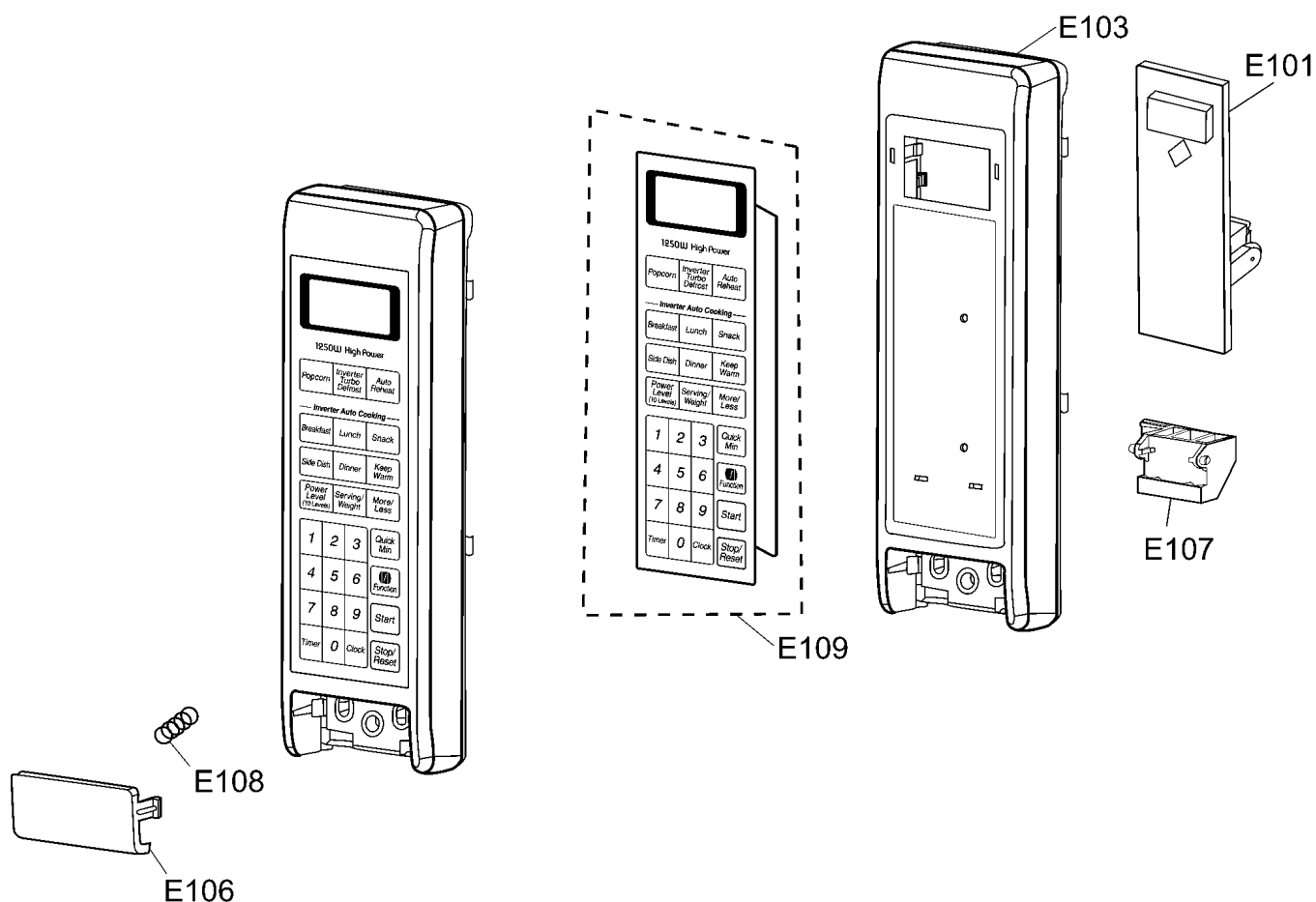
| Ref. No. | Part No.     | Part Name & Description | Pcs/Set | Remarks                                                     |
|----------|--------------|-------------------------|---------|-------------------------------------------------------------|
| E61      | F603L7A30AP  | D.P. CIRCUIT (AU)       | 1       | T975SF APH, T965SF APH, T945SF APH, T935SF APH, T964SFR APH |
| E63      | F800L7A10SAP | ESCUTCHEON BASE (U)     | 1       | T975SF APH, T965SF APH, T935SF APH                          |
| E63      | F800L4M60BCP | ESCUTCHEON BASE (U)     | 1       | T945SF APH, T964SFR APH                                     |
| E66      | F80724M60SCP | DOOR OPENING BUTTON     | 1       | T9*5SF/SM, T9*4SFR APH                                      |
| E67      | F82564M60AP  | DOOR OPENING LEVER      | 1       | T975SF APH, T965SF APH, T945SF APH, T935SF APH, T964SFR APH |
| E68      | F80375K00AP  | COOK BUTTON SPRING      | 1       |                                                             |
| E69      | F630Y7A30SAP | MEMBRANE SWITCH (U)     | 1       | T975SF APH                                                  |
| E69      | F630Y7A50SAP | MEMBRANE SWITCH (U)     | 1       | T965SF APH                                                  |
| E69      | F630Y7A70SAP | MEMBRANE SWITCH (U)     | 1       | T945SF APH                                                  |
| E69      | F630Y7A80SAP | MEMBRANE SWITCH (U)     | 1       | T935SF APH                                                  |
| E69      | F630Y6Q00SAP | MEMBRANE SWITCH (U)     | 1       | T964SFR APH                                                 |
| E73      | F81274M60AP  | BACK PANEL              | 1       | T975SF APH, T965SF APH, T945SF APH, T935SF APH, T964SFR APH |
| E75      | F00077A30SAP | NAME PLATE              | 1       | T975SF APH                                                  |
| E75      | F00077A50SAP | NAME PLATE              | 1       | T965SF APH                                                  |
| E75      | F00077A70SAP | NAME PLATE              | 1       | T945SF APH                                                  |
| E75      | F00077A80SAP | NAME PLATE              | 1       | T935SF APH                                                  |
| E75      | F00077A90SAP | NAME PLATE              | 1       | T964SFR APH                                                 |

# 5.4.5. NN-H965 APH/CPH, H935 APH, S935 APH



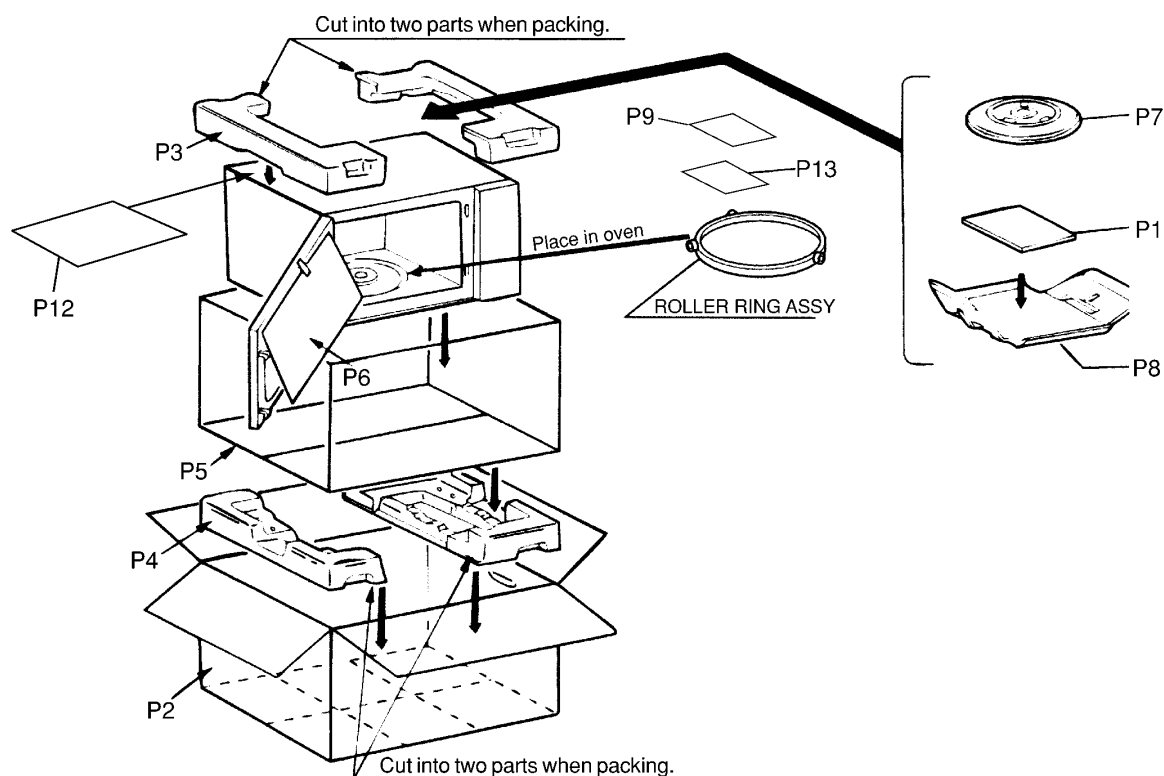
| Ref. No. | Part No.      | Part Name & Description | Pcs/Set | Remarks                                |
|----------|---------------|-------------------------|---------|----------------------------------------|
| E81      | F603L7B00AP   | D.P.CIRCUIT (AU)        | 1       | H965BF/WF APH, H935BF/WF APH           |
| E81      | F603L7B00CP   | D.P.CIRCUIT (AU)        | 1       | H965BF/WF CPH                          |
| E81      | F603L7B40AP   | D.P.CIRCUIT (AU)        | 1       | S935BF/WF APH                          |
| E82      | F603Y5W00AP   | D.P.CIRCUIT (DU)        | 1       | H965BF/WF APH, H935BF/WF APH           |
| E82      | F603Y5W00CP   | D.P.CIRCUIT (DU)        | 1       | H965BF/WF CPH                          |
| E82      | F603Y7B40AP   | D.P.CIRCUIT (DU)        | 1       | S935BF/WF APH                          |
| E83      | F80347B00BAP  | ESCUTCHEON BASE         | 1       | H965BF APH/CPH, H935BF APH, S935BF APH |
| E83      | F80347B00HAP  | ESCUTCHEON BASE         | 1       | H965WF APH/CPH, H935WF APH, S935WF APH |
| E84      | F66164W20AP   | FLAT CABLE              | 1       | H965 APH/CPH, H935 APH, S935 APH       |
| E85      | F82987D60KAP  | BUTTON                  | 1       | H965 APH/CPH, H935 APH, S935 APH       |
| E86      | F807276G40BAP | DOOR OPENING BUTTON     | 1       | H965BF APH/CPH, H935BF APH, S935BF APH |
| E86      | F807276G40HAP | DOOR OPENING BUTTON     | 1       | H965WF APH/CPH, H935WF APH, S935WF APH |
| E87      | F82565W00AP   | DOOR OPENING LEVER      | 1       | H965 APH/CPH, H935 APH/CPH, S935 APH   |
| E88      | F80375K00AP   | COOK BUTTON SPRING      | 1       |                                        |
| E89      | F630Y7B00BAP  | MEMBRANE SWITCH (U)     | 1       | H965BF APH, H935BF APH                 |
| E89      | F630Y7B00HAP  | MEMBRANE SWITCH (U)     | 1       | H965WF APH, H935WF APH                 |
| E89      | F630Y7B00BCP  | MEMBRANE SWITCH (U)     | 1       | H965BF CPH                             |
| E89      | F630Y7B00HCP  | MEMBRANE SWITCH (U)     | 1       | H965WF CPH                             |
| E89      | F630Y7B40BAP  | MEMBRANE SWITCH (U)     | 1       | S935BF APH                             |
| E89      | F630Y7B40HAP  | MEMBRANE SWITCH (U)     | 1       | S935WF APH                             |
| E95      | F00077B00BCP  | NAME PLATE              | 1       | H965BF CPH                             |
| E95      | F00077B00HCP  | NAME PLATE              | 1       | H965WF CPH                             |

# 5.4.6. NN-S955 APH, S954\*FR APH, S934\*FR APH, S955 RPH



| Ref. No. | Part No.     | Part Name & Description | Pcs/Set | Remarks                                |
|----------|--------------|-------------------------|---------|----------------------------------------|
| E101     | F603L7B10AP  | D.P.CIRCUIT (AU)        | 1       | S955BF/WF APH, S954BFR/WFR APH         |
| E101     | F603L7E40AP  | D.P.CIRCUIT (AU)        | 1       | S934BFR/WFR APH                        |
| E101     | F603L7B30RP  | D.P.CIRCUIT (AU)        | 1       | S955WF/WM RPH                          |
| E103     | F80346G40BAP | ESCUTCHEON BASE         | 1       | S955BF APH, S9*4BFR APH                |
| E103     | F80346G40HAP | ESCUTCHEON BASE         | 1       | S955WF APH, S9*4WFR APH, S955WF/WM RPH |
| E106     | F80726G40BAP | DOOR OPENING BUTTON     | 1       | S955BF APH, S9*4BFR APH                |
| E106     | F80726G40HAP | DOOR OPENING BUTTON     | 1       | S955WF APH, S9*4WFR APH, S955WF/WM RPH |
| E107     | F82564M60AP  | DOOR OPENING LEVER      | 1       | S955 APH, S954*FR APH, S934*FR APH     |
| E108     | F80375K00AP  | COOK BUTTON SPRING      | 1       |                                        |
| E109     | F630Y6G40BAP | MEMBRANE SWITCH (U)     | 1       | S955BF APH, S954BFR APH                |
| E109     | F630Y6G40HAP | MEMBRANE SWITCH (U)     | 1       | S955WF APH, S954WFR APH                |
| E109     | F630Y6H10BAP | MEMBRANE SWITCH (U)     | 1       | S934BFR APH                            |
| E109     | F630Y6H10HAP | MEMBRANE SWITCH (U)     | 1       | S934WFR APH                            |
| E109     | F630Y7B30HRP | MEMBRANE SWITCH (U)     | 1       | S955WF/WM RPH                          |

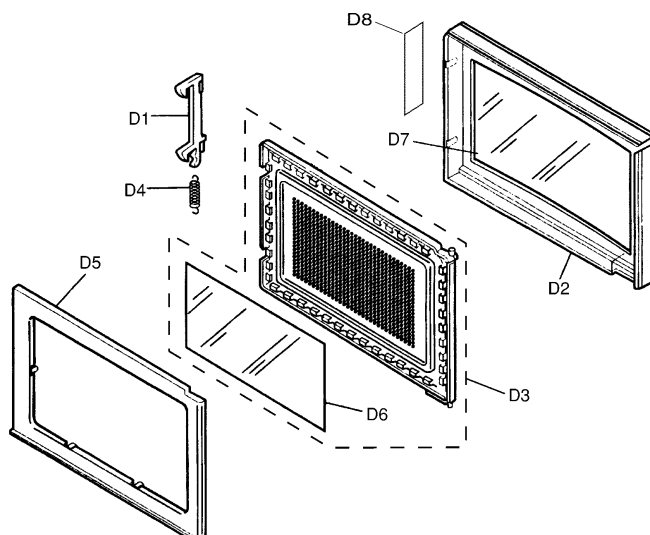
## 5.5. PACKING AND ACCESSORIES



| Ref. No. | Part No.     | Part Name & Description | Pcs/Set | Remarks                                                    |
|----------|--------------|-------------------------|---------|------------------------------------------------------------|
| P1       | F00036J00AP  | INSTRUCTION MANUAL      | 1       | P994SFR/BFR/WFR APH, T994SFR APH, T964SFR APH              |
| P1       | F00036J00CP  | INSTRUCTION MANUAL      | 1       | P994SFR CPH                                                |
| P1       | F00037C40AP  | INSTRUCTION MANUAL      | 1       | T975SF APH, T965SF APH, T955SF APH, T945SF APH, T935SF APH |
| P1       | F00037D00AP  | INSTRUCTION MANUAL      | 1       | T995SF APH, T985SF APH                                     |
| P1       | F00037D00CP  | INSTRUCTION MANUAL      | 1       | T995SF CPH                                                 |
| P1       | F00037D00RP  | INSTRUCTION MANUAL      | 1       | T995SF/SM RPH                                              |
| P1       | F00037C50AP  | INSTRUCTION MANUAL      | 1       | H965BF/WF APH, H935BF/WF APH                               |
| P1       | F00037C50CP  | INSTRUCTION MANUAL      | 1       | H965BF/WF CPH                                              |
| P1       | F00036J30AP  | INSTRUCTION MANUAL      | 1       | S955BF/WF APH, S954BFR/S954WFR APH                         |
| P1       | F00037E20AP  | INSTRUCTION MANUAL      | 1       | S935BF/WF APH                                              |
| P1       | F00036J60AP  | INSTRUCTION MANUAL      | 1       | S934BFR/WFR APH                                            |
| P1       | F00037G50RP  | INSTRUCTION MANUAL      | 1       | S955WF/WM RPH                                              |
| P2       | F01027A00SAP | PACKING CASE, PAPER     | 1       | P994SFR APH                                                |
| P2       | F01027A00BAP | PACKING CASE, PAPER     | 1       | P994BFR APH                                                |
| P2       | F01027A00HAP | PACKING CASE, PAPER     | 1       | P994WFR APH                                                |
| P2       | F01027A00SCP | PACKING CASE, PAPER     | 1       | P994SFR CPH                                                |
| P2       | F01027A60SAP | PACKING CASE, PAPER     | 1       | T955SF APH                                                 |
| P2       | F01027A40SAP | PACKING CASE, PAPER     | 1       | T994SFR APH                                                |
| P2       | F01027A10SAP | PACKING CASE, PAPER     | 1       | T995SF APH                                                 |
| P2       | F01027A10SCP | PACKING CASE, PAPER     | 1       | T995SF CPH                                                 |
| P2       | F01027A10SRP | PACKING CASE, PAPER     | 1       | T995SF RPH                                                 |
| P2       | F01027G00SRP | PACKING CASE, PAPER     | 1       | T995SM RPH                                                 |
| P2       | F01027A20SAP | PACKING CASE, PAPER     | 1       | T985SF APH                                                 |
| P2       | F01027A30SAP | PACKING CASE, PAPER     | 1       | T975SF APH                                                 |
| P2       | F01027A50SAP | PACKING CASE, PAPER     | 1       | T965SF APH                                                 |
| P2       | F01027A70SAP | PACKING CASE, PAPER     | 1       | T945SF APH                                                 |
| P2       | F01027A80SAP | PACKING CASE, PAPER     | 1       | T935SF APH                                                 |
| P2       | F01027A90SAP | PACKING CASE, PAPER     | 1       | T964SFR APH                                                |
| P2       | F01027B00BAP | PACKING CASE, PAPER     | 1       | H965BF APH                                                 |
| P2       | F01027B00HAP | PACKING CASE, PAPER     | 1       | H965WF APH                                                 |
| P2       | F01027B00BCP | PACKING CASE, PAPER     | 1       | H965BF CPH                                                 |
| P2       | F01027B00HCP | PACKING CASE, PAPER     | 1       | H965WF CPH                                                 |
| P2       | F01027E30BAP | PACKING CASE, PAPER     | 1       | H935BF APH                                                 |
| P2       | F01027E30HAP | PACKING CASE, PAPER     | 1       | H935WF APH                                                 |
| P2       | F01027B20BAP | PACKING CASE, PAPER     | 1       | S955BF APH                                                 |
| P2       | F01027B20HAP | PACKING CASE, PAPER     | 1       | S955WF APH                                                 |

| Ref. No. | Part No.     | Part Name & Description | Pcs/Set | Remarks                                                          |
|----------|--------------|-------------------------|---------|------------------------------------------------------------------|
| P2       | F01027B40BAP | PACKING CASE, PAPER     | 1       | S935BF APH                                                       |
| P2       | F01027B40HAP | PACKING CASE, PAPER     | 1       | S935WF APH                                                       |
| P2       | F01027B10BAP | PACKING CASE, PAPER     | 1       | S954BFR APH                                                      |
| P2       | F01027B10HAP | PACKING CASE, PAPER     | 1       | S954WFR APH                                                      |
| P2       | F01027E40BAP | PACKING CASE, PAPER     | 1       | S934BFR APH                                                      |
| P2       | F01027E40HAP | PACKING CASE, PAPER     | 1       | S934WFR APH                                                      |
| P2       | F01027B30HRP | PACKING CASE, PAPER     | 1       | S955WF RPH                                                       |
| P2       | F01027G10HRP | PACKING CASE, PAPER     | 1       | S955WM RPH                                                       |
| P3       | F01044W00AP  | UPPER FILLER            | 1       | P994*FR, T9*5SF/SM, T9*4SFR APH                                  |
| P3       | F01045J00AP  | UPPER FILLER            | 1       | H9*5, S9*5, S9*4BFR/WFR APH, S955 RPH                            |
| P4       | F01054W00AP  | LOWER FILLER            | 1       | P994*FR, T9*5SF/SM, T9*4SFR APH                                  |
| P4       | F01055J00AP  | LOWER FILLER            | 1       | H9*5, S9*5, S9*4BFR/WFR APH, S955 RPH                            |
| P5       | F01064W00AP  | P. E. BAG               | 1       |                                                                  |
| P6       | F01074U00AP  | DOOR SHEET              | 1       |                                                                  |
| P7       | F06014M00AP  | COOKING TRAY            | 1       |                                                                  |
| P8       | F01084M00AP  | TRAY PACKING            | 1       |                                                                  |
| P9       | F01924U00AP  | SHEET                   | 1       | P994BFR, T985SF, T955SF, T945SF, T935SF, H9*5BF, S9*5BF, S9*4BFR |
| P10      | F00065G40AP  | CAUTION LABEL           | 1       | APH, RPH                                                         |
| P11      | F04457A10SCP | OVERLAY                 | 1       | T995SF CPH                                                       |
| P11      | F04457B00BCP | OVERLAY                 | 1       | H965BF CPH                                                       |
| P11      | F04457B00HCP | OVERLAY                 | 1       | H965WF CPH                                                       |

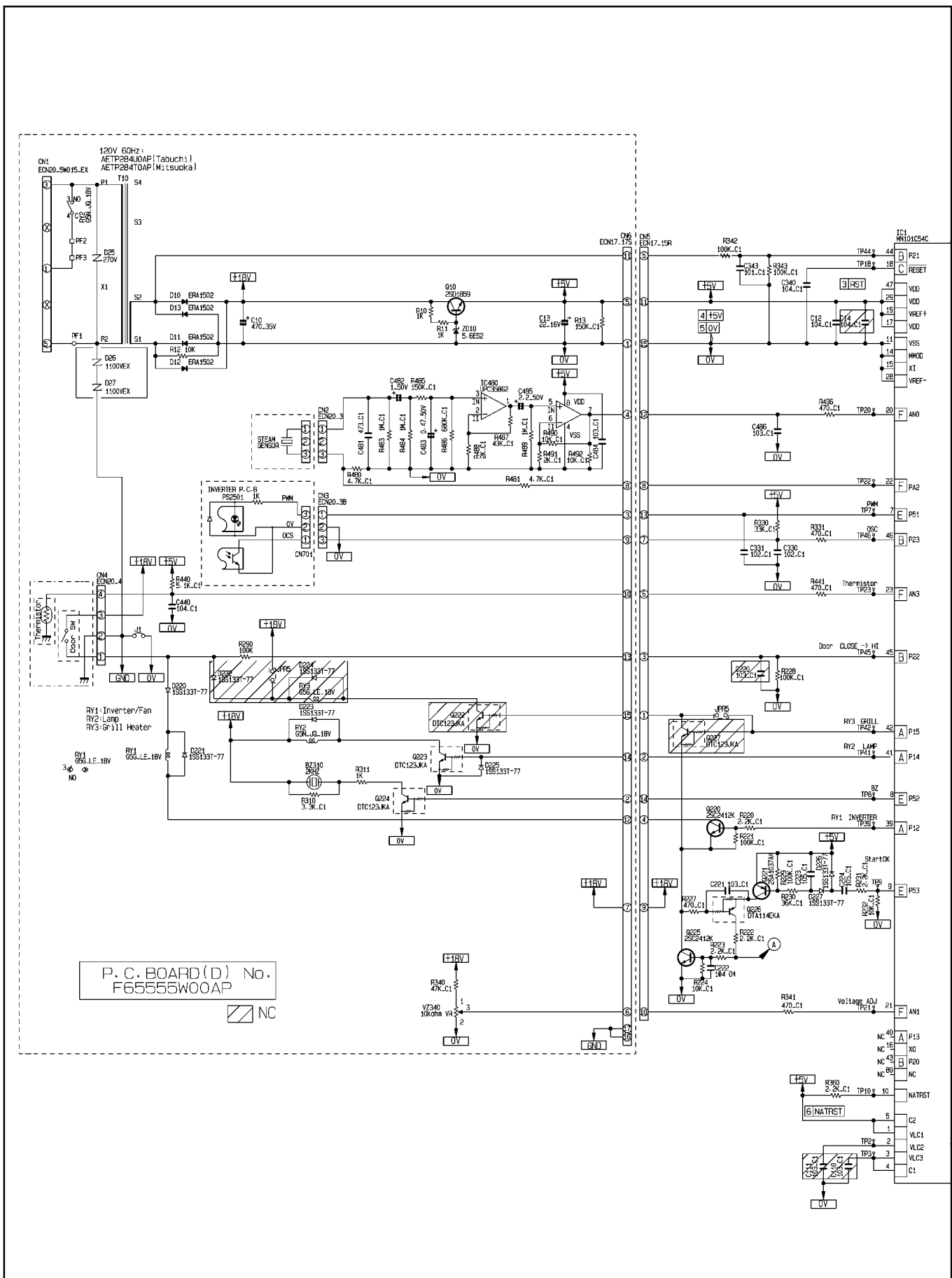
## 5.6. DOOR ASSEMBLY

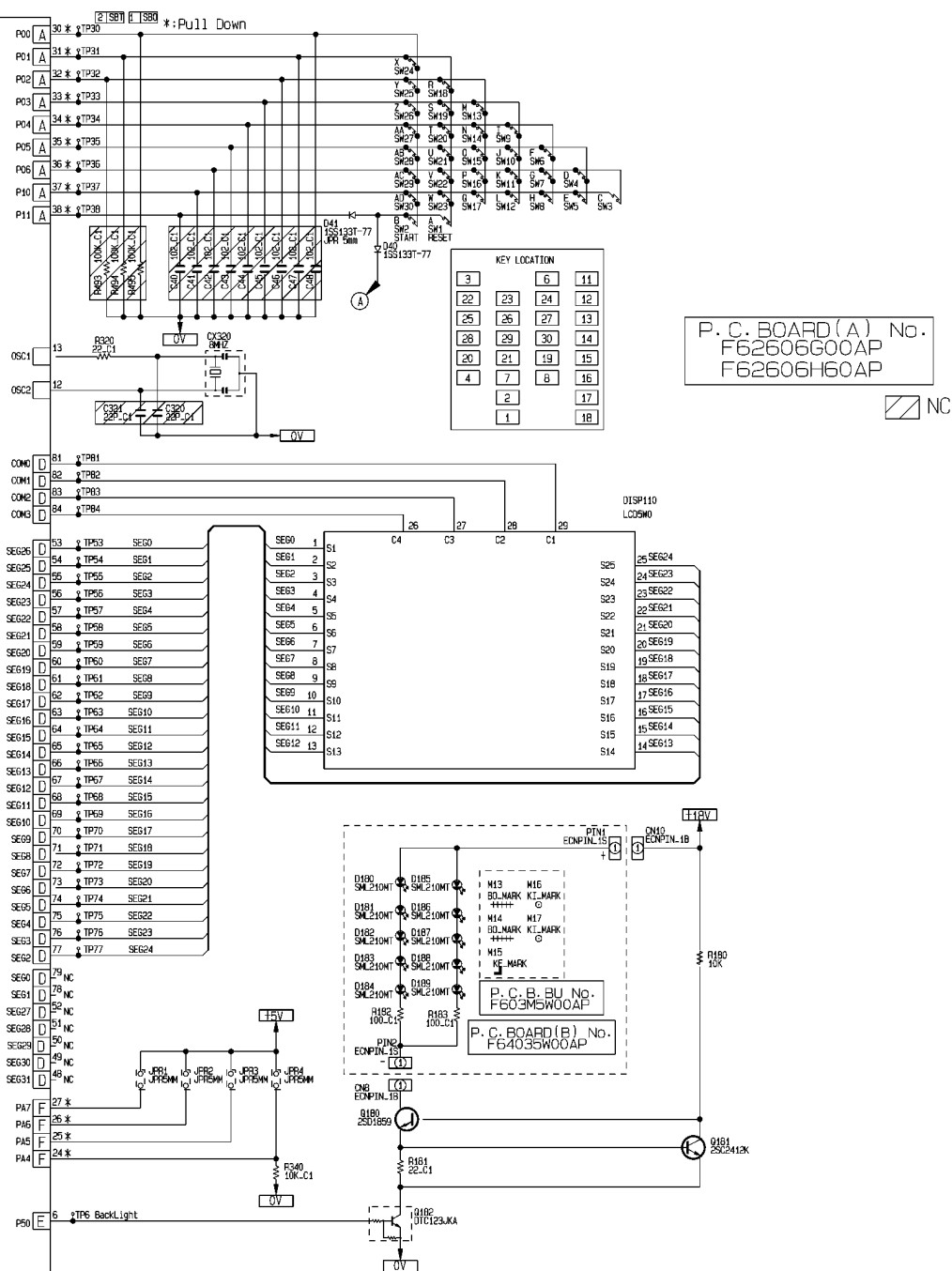


| Ref. No. | Part No.       | Part Name & Description | Pcs/Set | Remarks                                                             |
|----------|----------------|-------------------------|---------|---------------------------------------------------------------------|
| D1       | F3018-1200     | DOOR KEY A              | 1       |                                                                     |
| D2       | ⚠ F301A6G00SAP | DOOR A (U)              | 1       | P994SFR APH/CPH                                                     |
| D2       | ⚠ F301A6G00BAP | DOOR A (U)              | 1       | P994BFR APH                                                         |
| D2       | ⚠ F301A6G00HAP | DOOR A (U)              | 1       | P994WFR APH                                                         |
| D2       | ⚠ F301A710SAP  | DOOR A (U)              | 1       | T995SF APH/CPH, T995SF/SM RPH<br>T985SF APH, T965SF APH, T935SF APH |
| D2       | ⚠ F301A730SAP  | DOOR A (U)              | 1       | T975SF APH                                                          |
| D2       | ⚠ F301A5W00SAP | DOOR A (U)              | 1       | T955SF APH, T9*4SFR APH                                             |
| D2       | ⚠ F30016G40BAP | DOOR A                  | 1       | H9*5BF, S9*5BF, S9*4BFR                                             |
| D2       | ⚠ F30016G40HAP | DOOR A                  | 1       | H9*5WF, S9*5WF/WM, S9*4WFR                                          |
| D3       | ⚠ F302K4U00AP  | DOOR E (U)              | 1       |                                                                     |
| D4       | F30215G10XN    | DOOR KEY SPRING         | 1       |                                                                     |
| D5       | ⚠ F30854U00AP  | DOOR C                  | 1       |                                                                     |
| D6       | ⚠ F31454U00AP  | DOOR SCREEN A           | 1       |                                                                     |
| D7       | F31467B00BAP   | DOOR SCREEN B           | 1       | H9*5BF, S935BF APH, S9*4BFR                                         |
| D7       | F31467B00HAP   | DOOR SCREEN B           | 1       | H9*5WF, S935WF APH, S9*4WFR                                         |
| D7       | F31466G40BAP   | DOOR SCREEN B           | 1       | S955BF APH                                                          |
| D7       | F31466G40HAP   | DOOR SCREEN B           | 1       | S955WF APH, S955WF/WM RPH                                           |
| D8       | F02459660AP    | DHHS LABEL              | 1       | P994*FR APH, T9*5SF APH, T9*4SFR APH, T995SF/SM RPH                 |
| D8       | F04114180CP    | HC LABEL                | 1       | P994SFR CPH, T995SF CPH                                             |

## 6 DIGITAL PROGRAMMER CIRCUIT

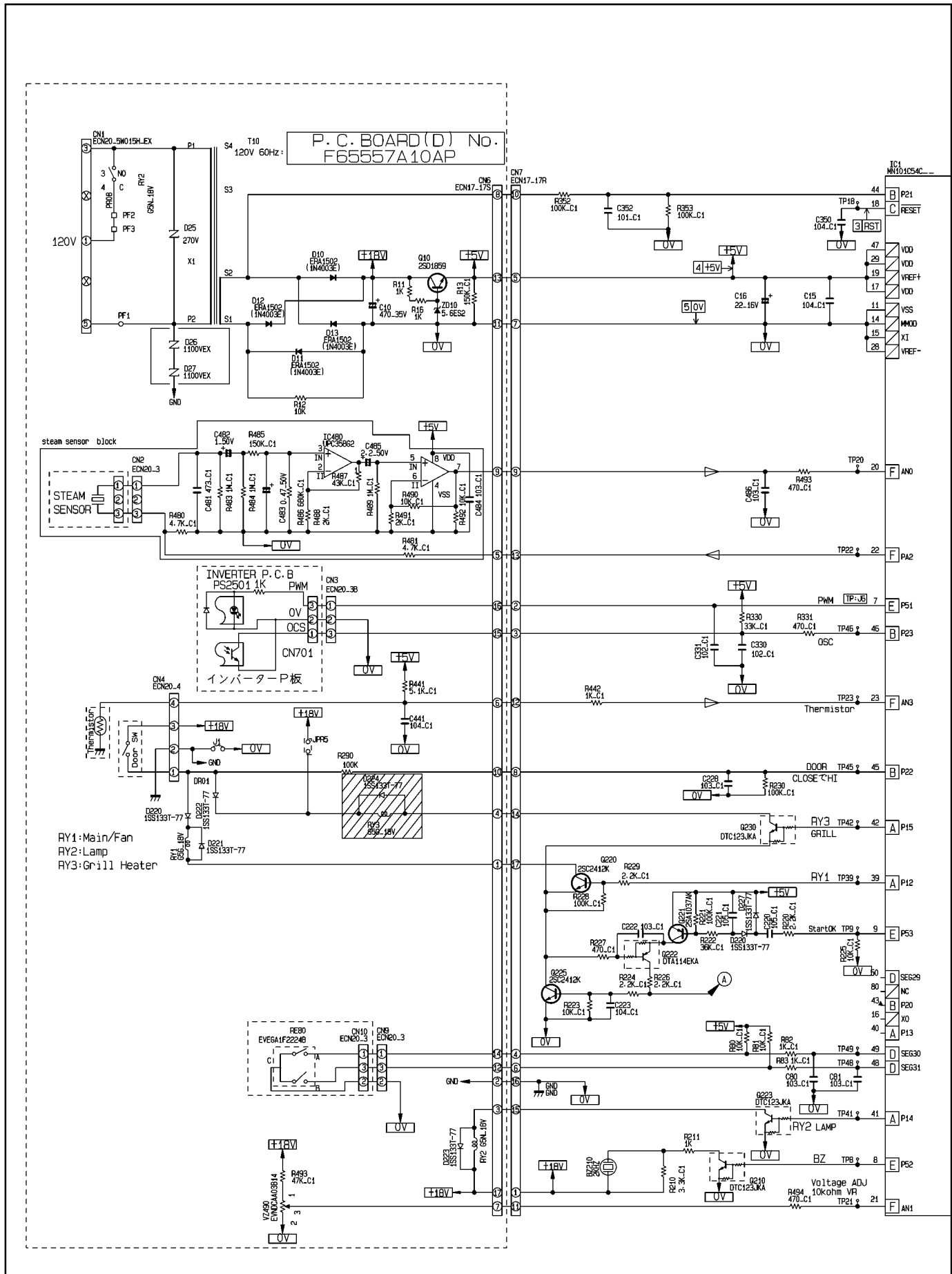
### 6.1. P994\*FR APH/CPH

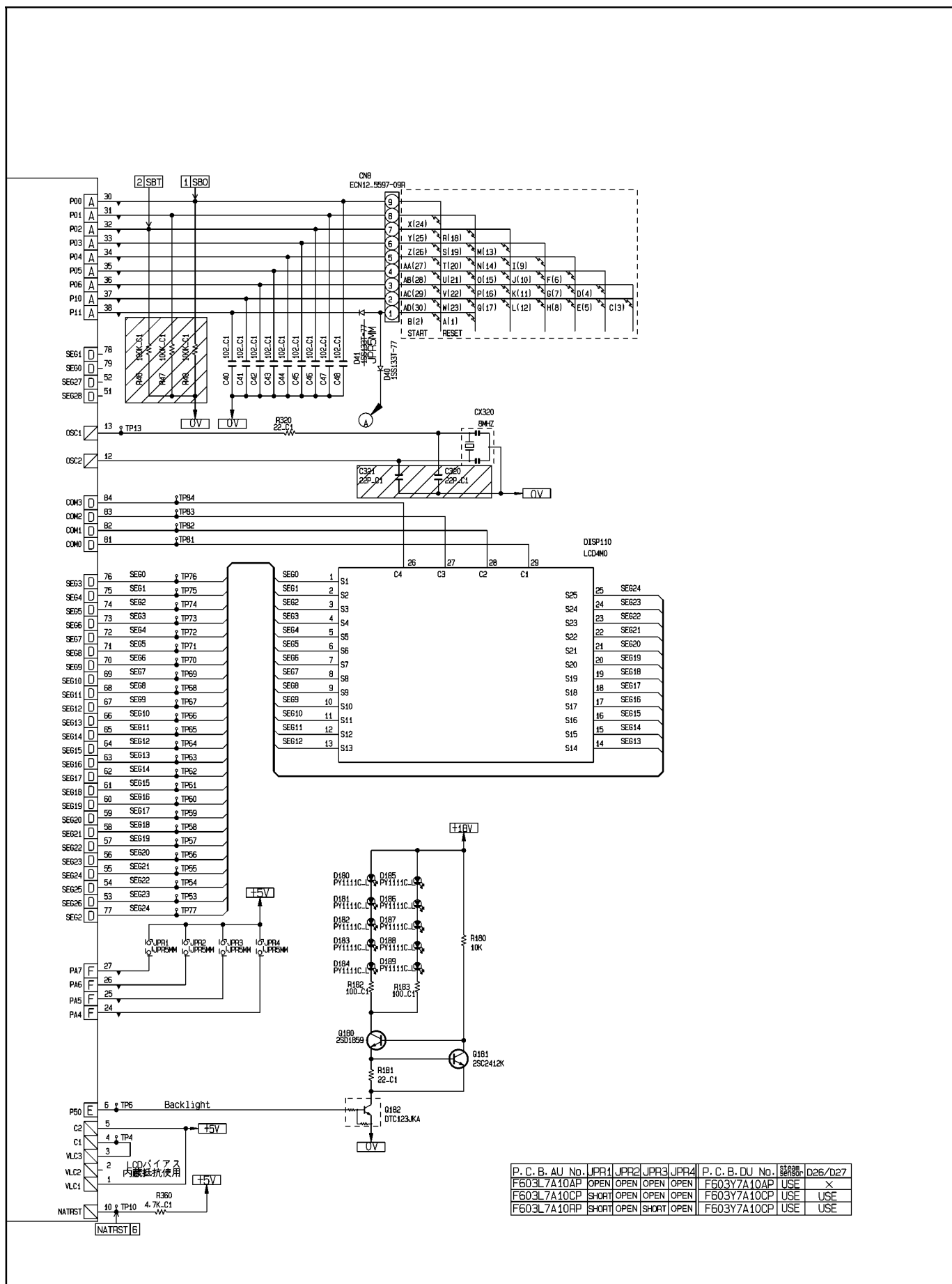




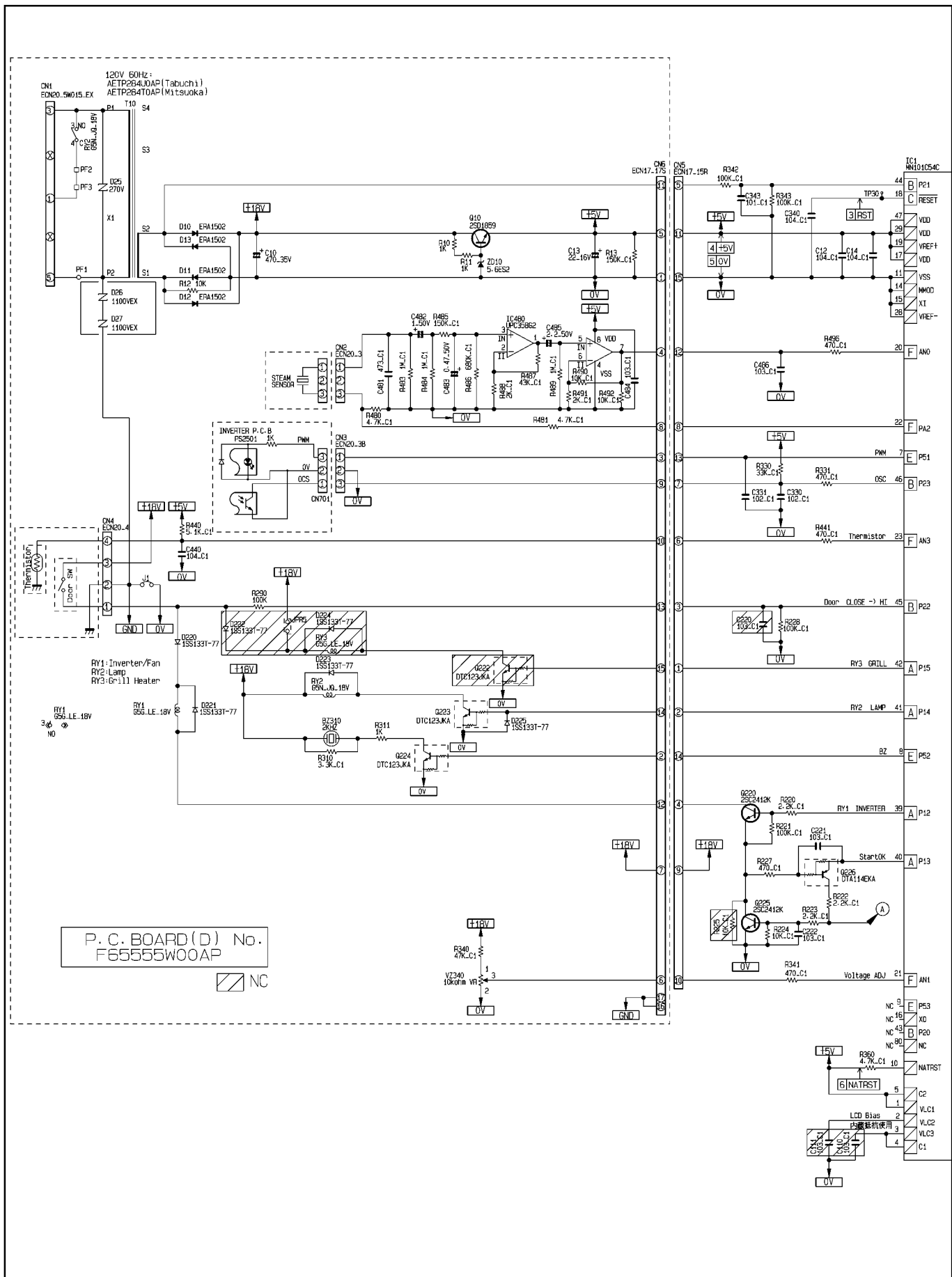
|                 |      |      |       |      |       |              |                 |         |
|-----------------|------|------|-------|------|-------|--------------|-----------------|---------|
| P. C. B. AU No. | JPR5 | JPR4 | JPR3  | JPR2 | JPR1  | STEAM SENSOR | P. C. B. DU No. | D26 D27 |
| F603L7A00AP     | OPEN | OPEN | OPEN  | OPEN | OPEN  | USE          | F603Y5W00AP     | ×       |
| F603L7A00CP     | OPEN | OPEN | SHORT | OPEN | SHORT | USE          | F603Y5W00CP     | USE     |

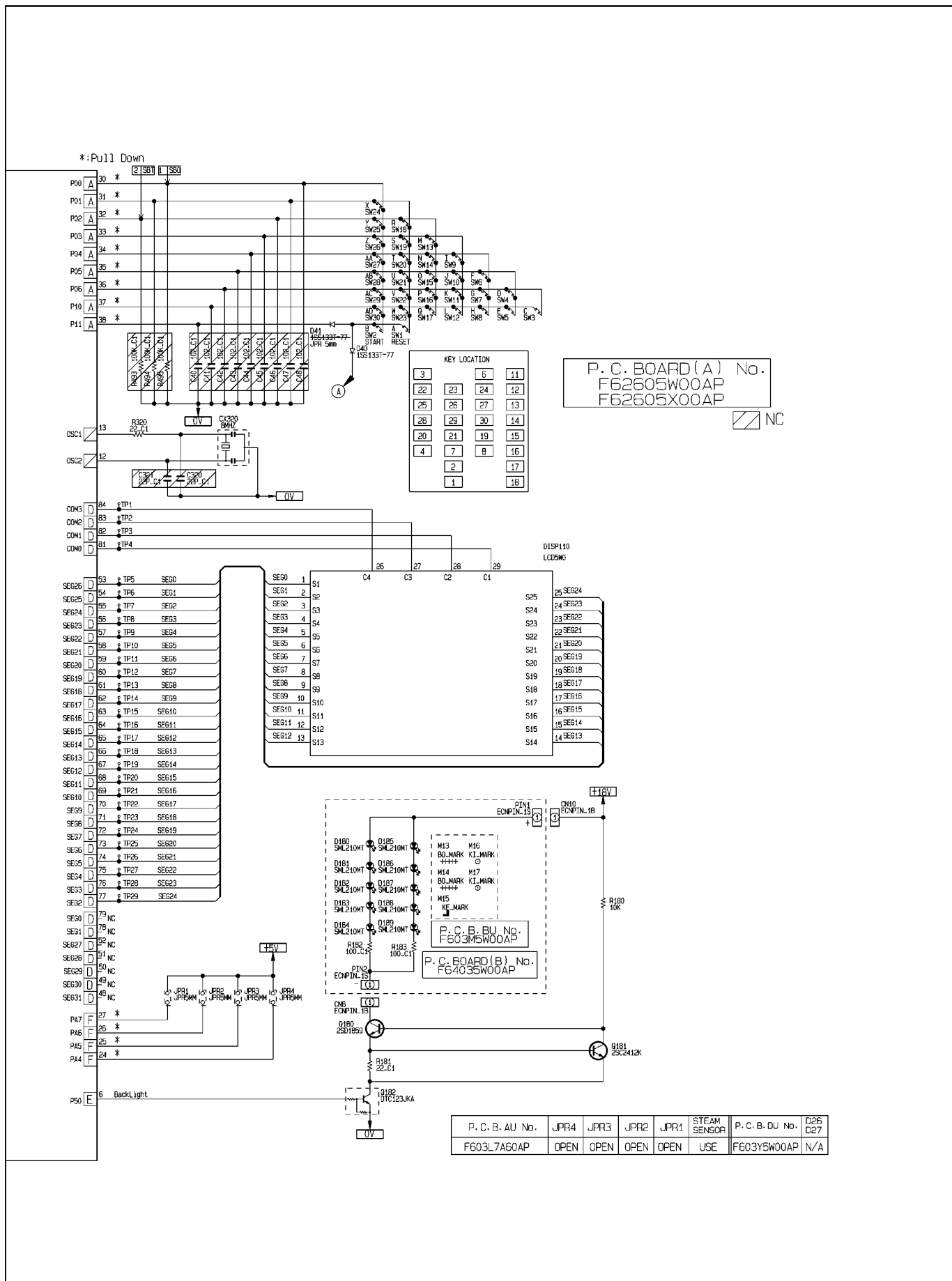
## 6.2. NN-T995SF APH/CPH, T995SF/SM RPH, T985SF APH



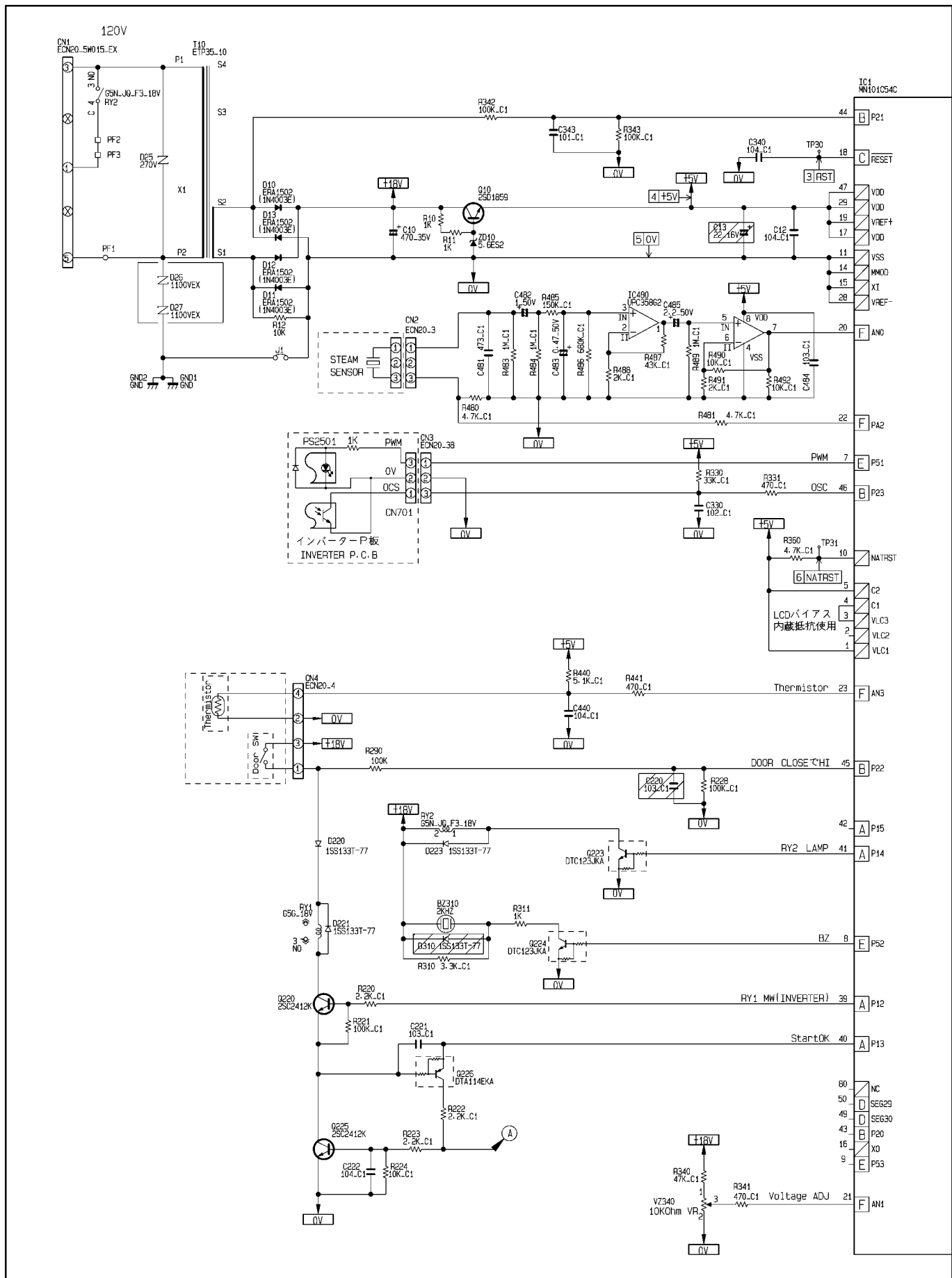


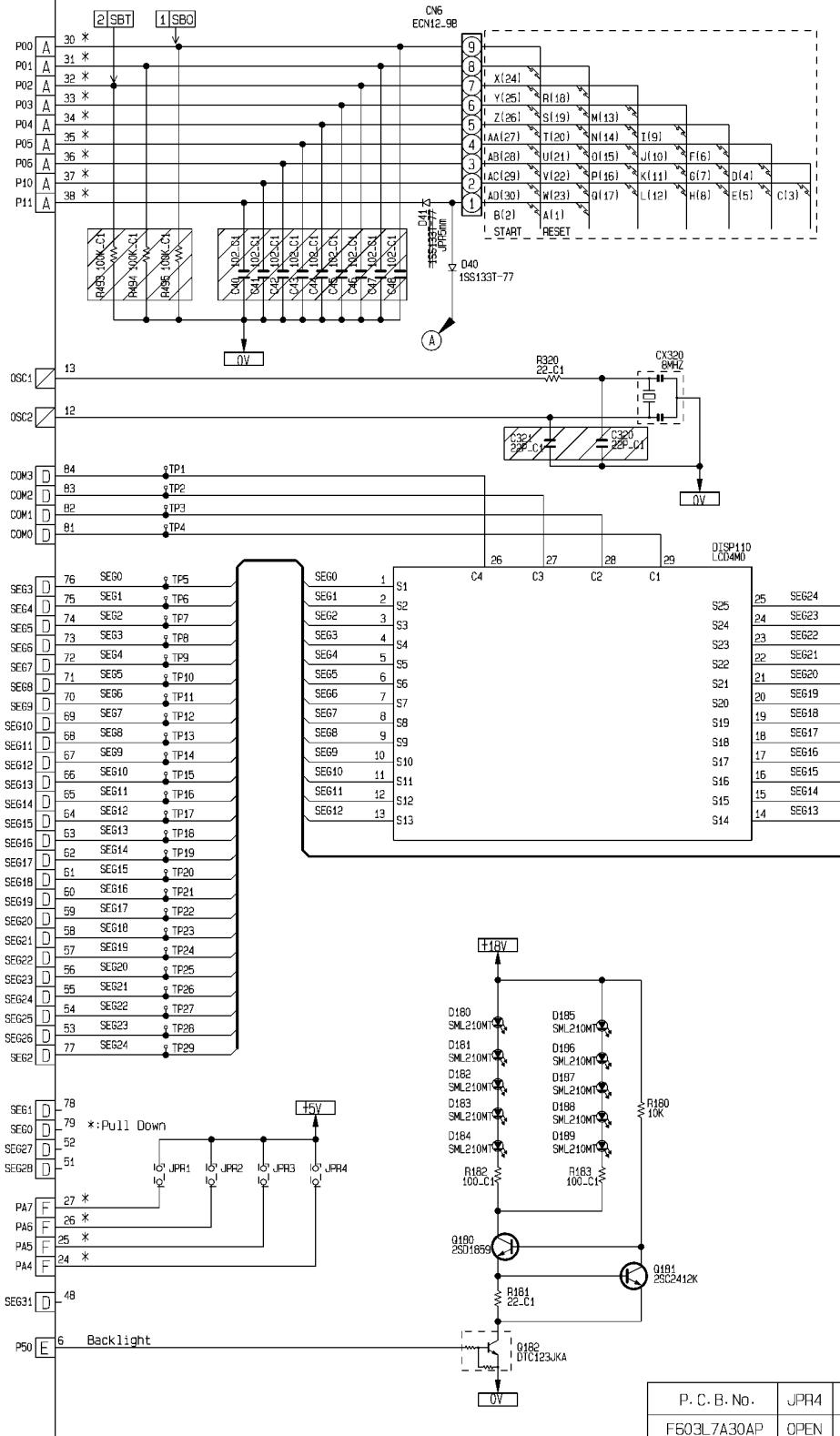
### 6.3. NN-T955SF APH, T994SFR APH



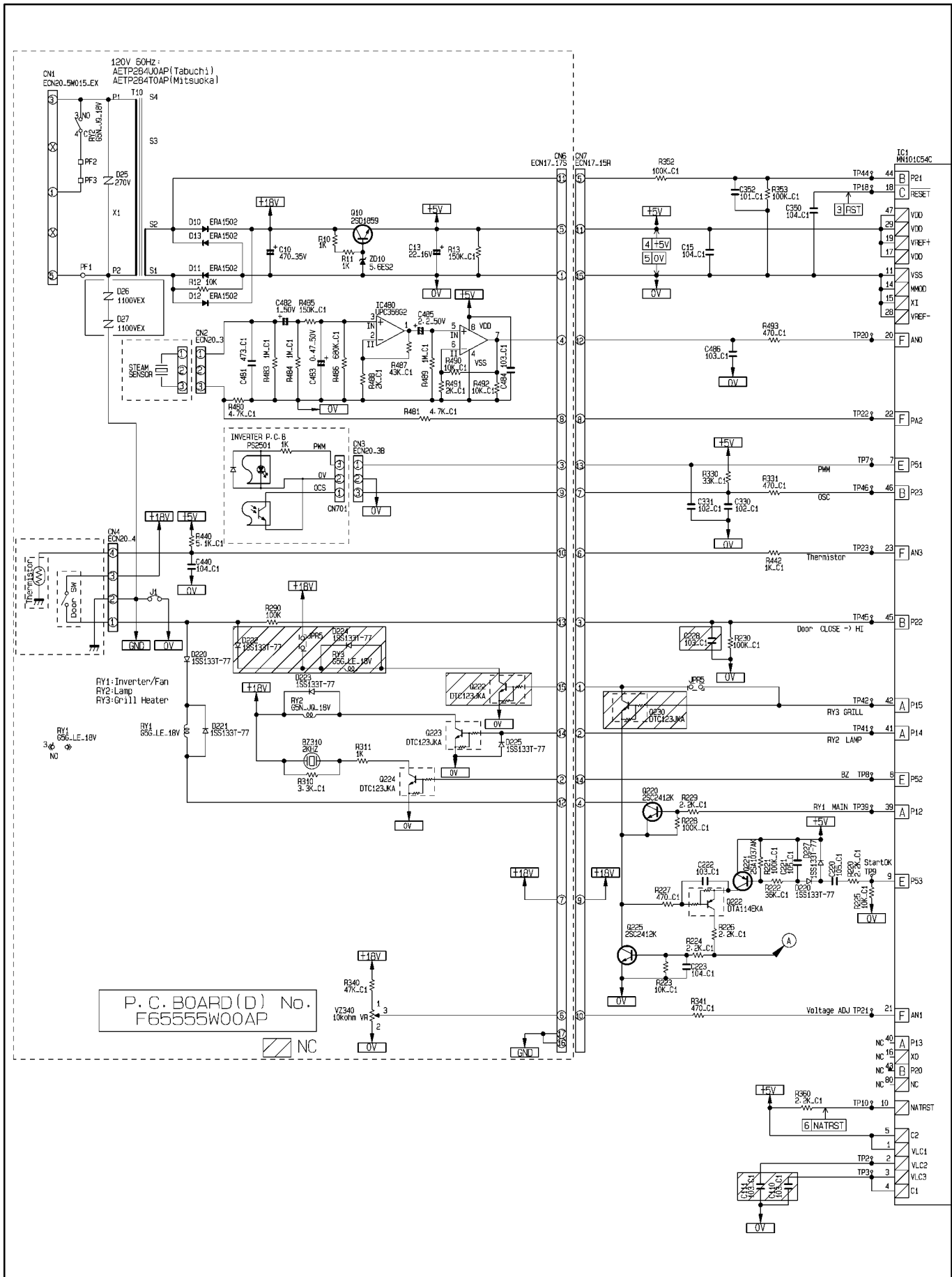


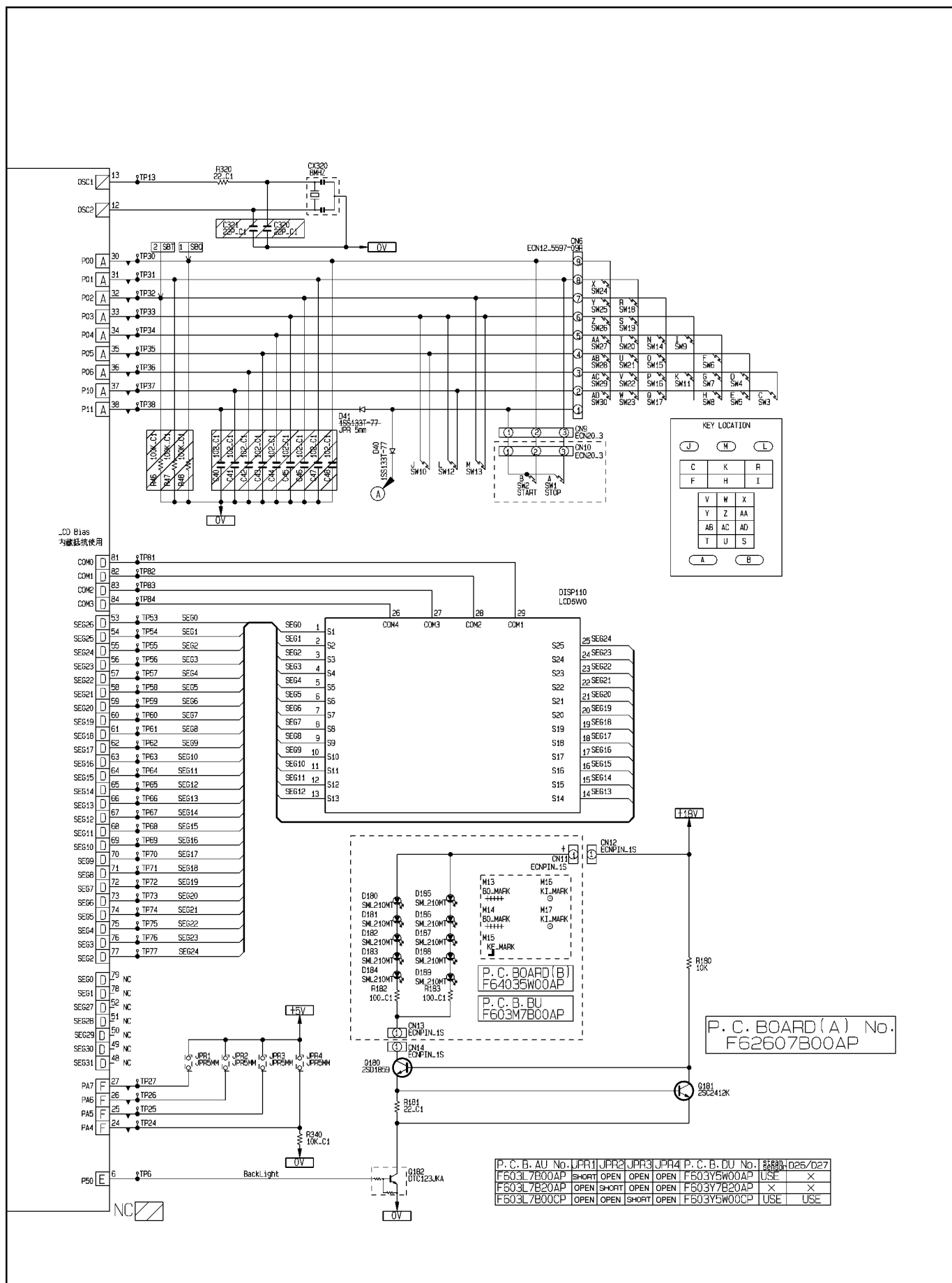
#### 6.4. NN-T975SF/T965SF/T945SF/T935SF APH, T964SFR APH



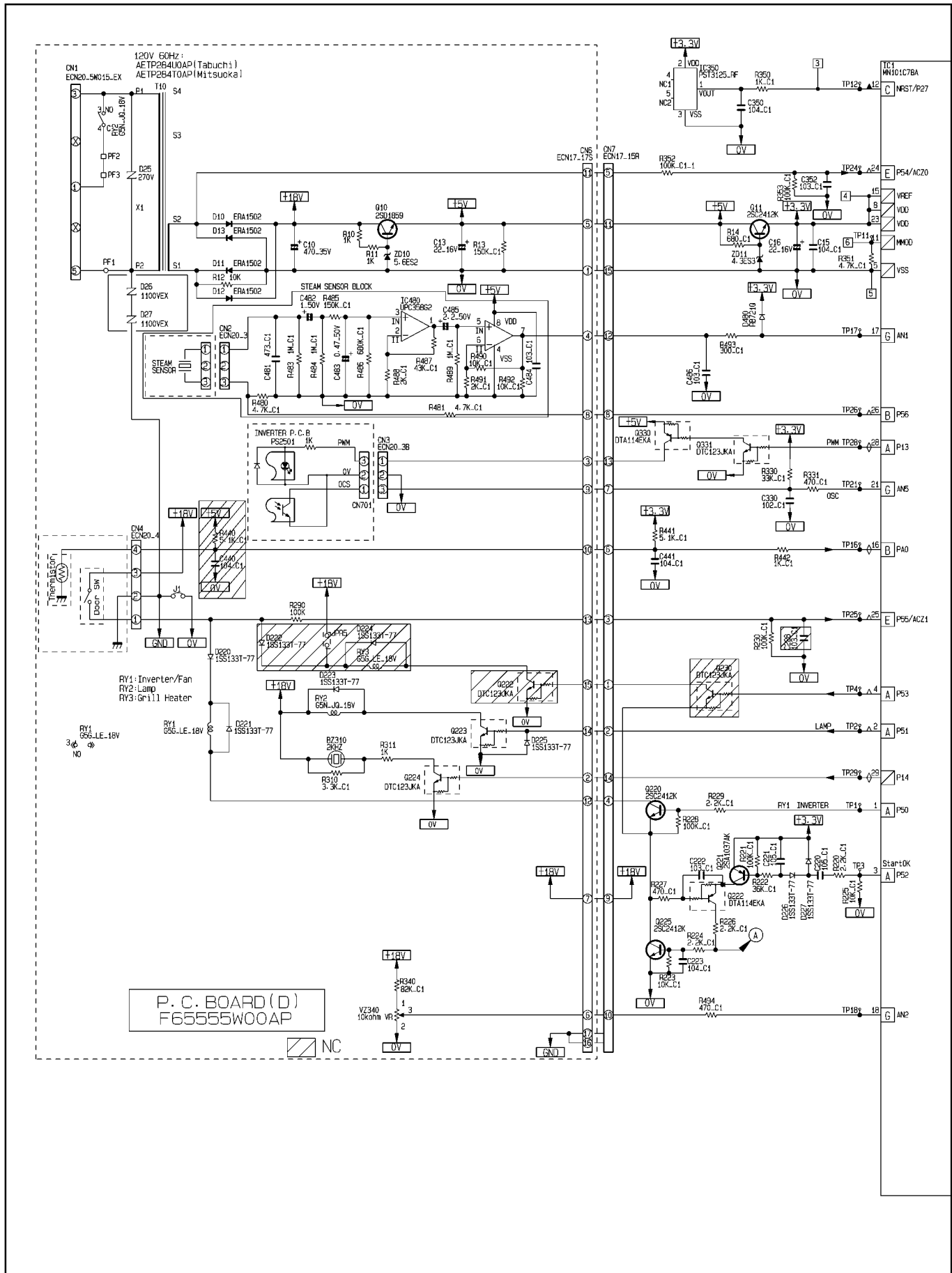


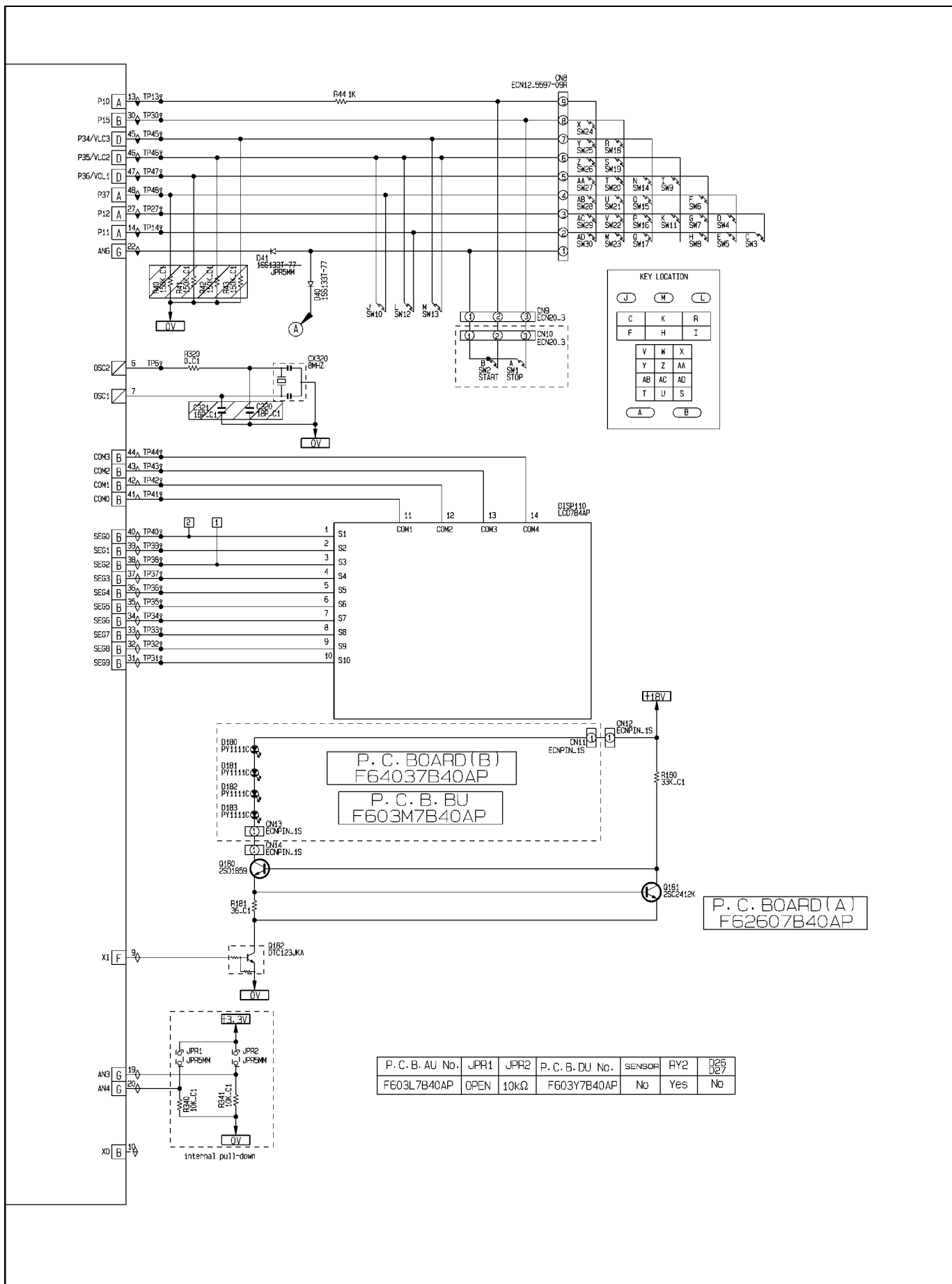
### 6.5. NN-H965 APH/CPH, H935 APH



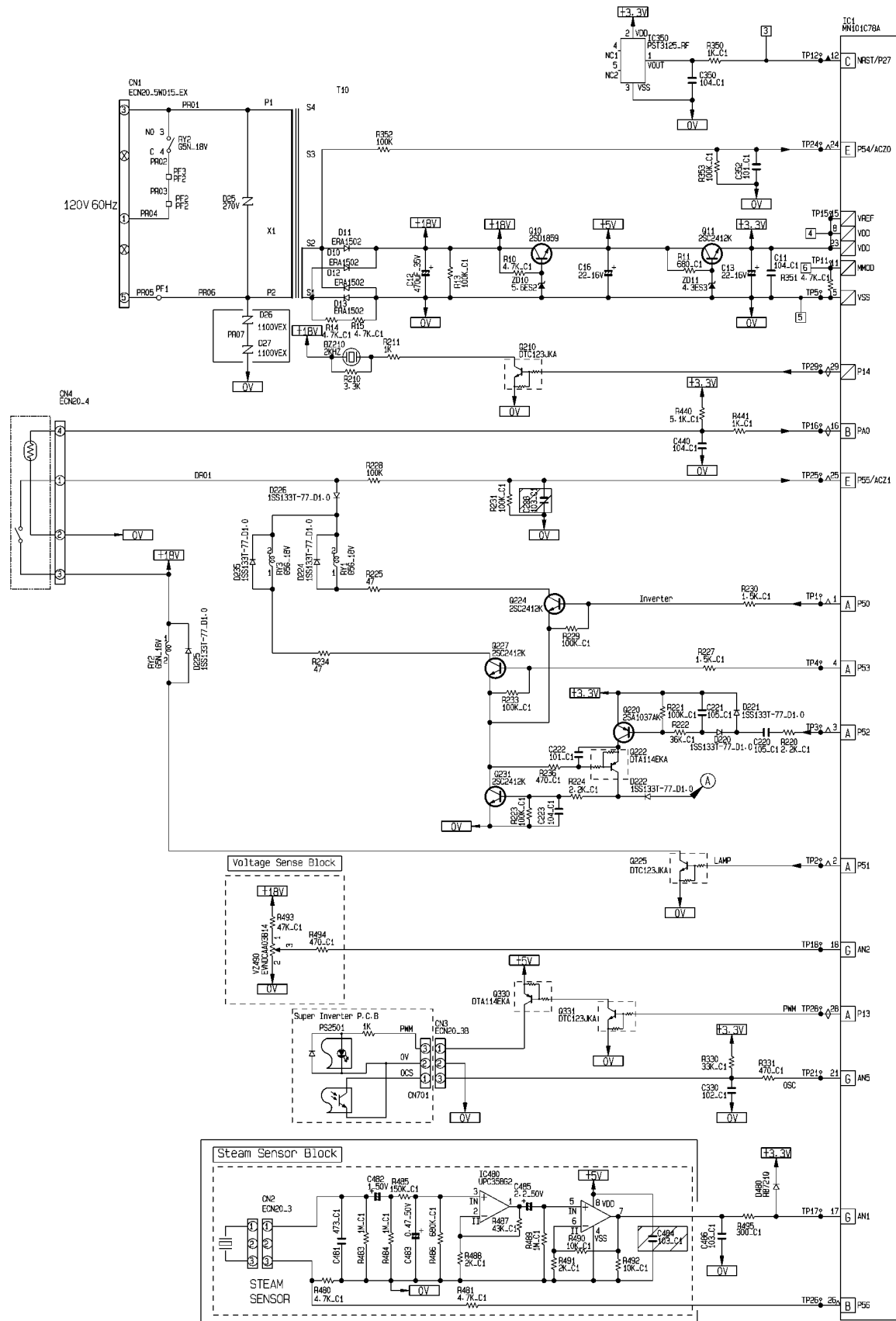


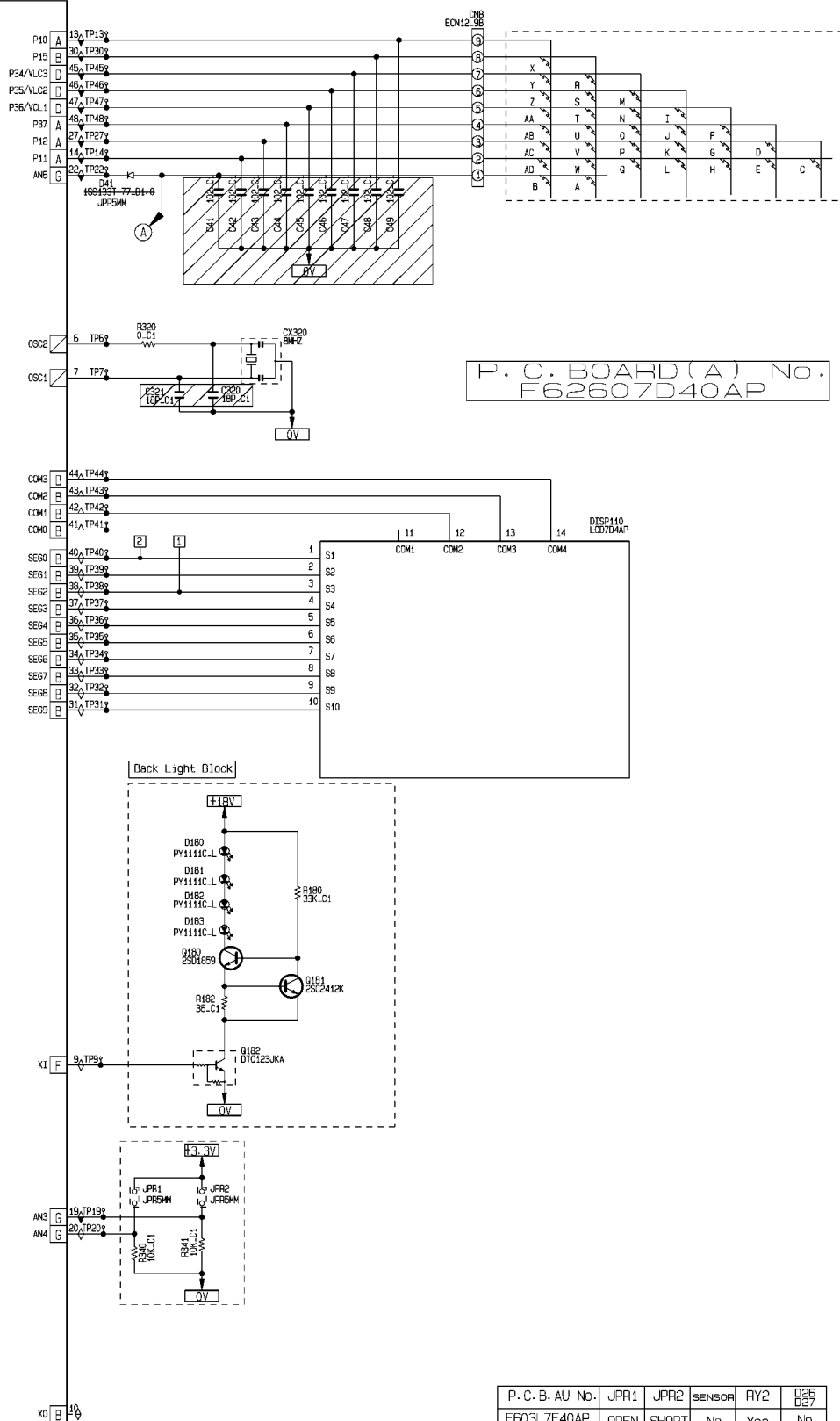
## 6.6. NN-S935 APH





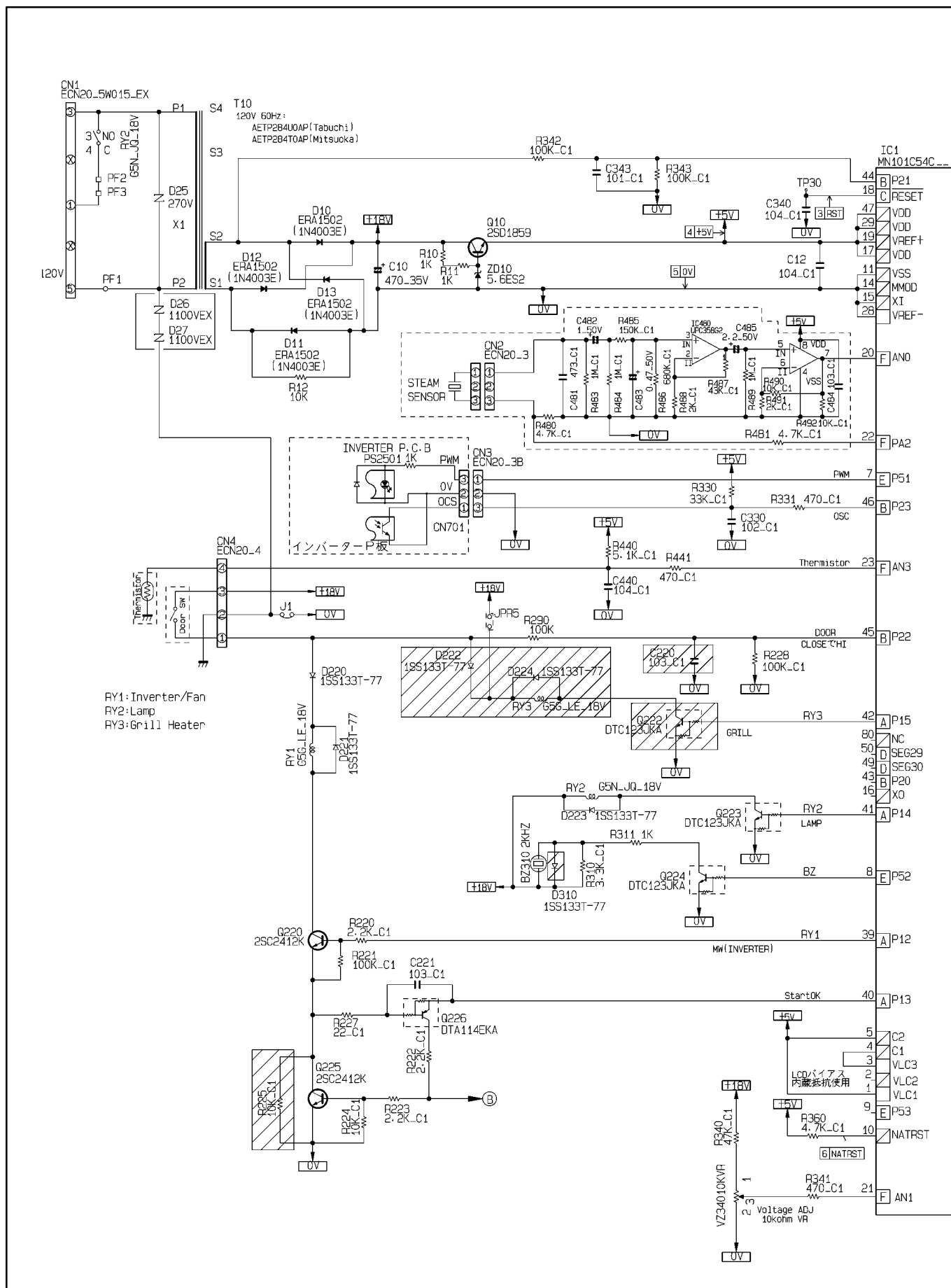
## 6.7. NN-S955 RPH, S934\*FR APH

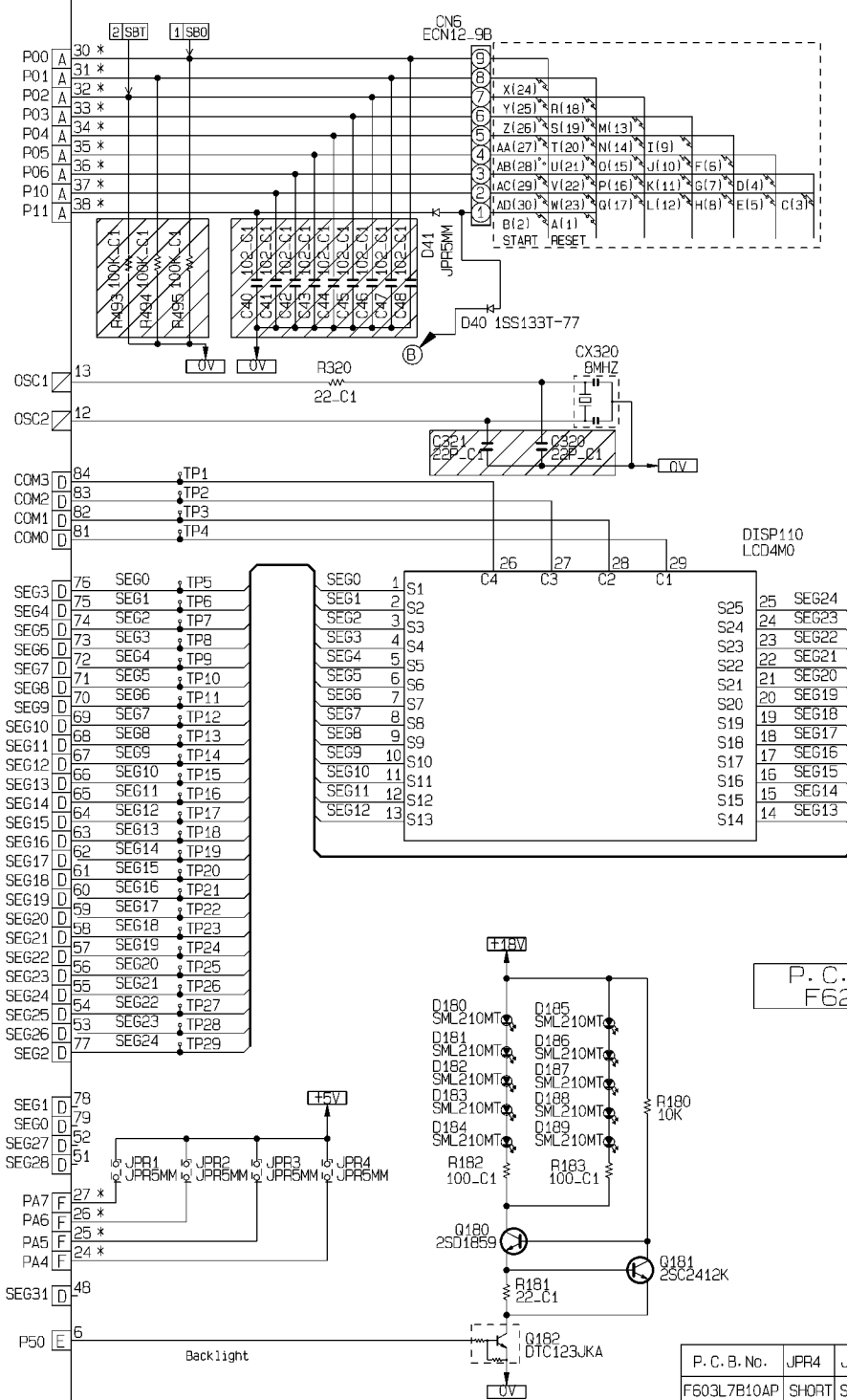




| P. C. B. AU No. | JPR1  | JPR2  | SENSOR | RY2 | D26 |
|-----------------|-------|-------|--------|-----|-----|
| F603L7E40AP     | OPEN  | SHORT | No     | Yes | No  |
| F603L7B30RP     | SHORT | OPEN  | No     | Yes | Yes |

# 6.8. NN-S955 APH, S954\*FR APH





## 6.9. PARTS LIST

### 6.9.1. NN-P994\*FR APH/CPH, T955SF APH, T994SFR APH

| Ref. No.                    | Part No.     | Part Name & Description | Pcs/Set | Remarks                   |
|-----------------------------|--------------|-------------------------|---------|---------------------------|
| BZ210                       | AEFBAT2001WQ | BUZZER                  | 1       | 2.0KHz                    |
| C343                        | AECUU06C101J | CHIP CAPACITOR          | 1       | 100PF/50V                 |
| C330, C331                  | AECUU06R102K | CHIP CAPACITOR          | 2       | 1000PF/50V                |
| C221, C222, C484, C486      | AECUU06F103Z | CHIP CAPACITOR          | 4       | 0.01μF/50V                |
| C481                        | AECUN06F473Z | CHIP CAPACITOR          | 1       | 0.047μF/50V               |
| C12, C340, C440             | AECUT06F104Z | CHIP CAPACITOR          | 3       | 0.1μF/25V                 |
| C223, C224                  | AECUN06F105Z | CHIP CAPACITOR          | 2       | 1μF/10V (P994*FR APH/CPH) |
| C10                         | AECETK1V471B | AL CHEM CAPACITOR       | 1       | 470μF/35V                 |
| C13                         | AECETS1C220B | AL CHEM CAPACITOR       | 1       | 22μF/16V                  |
| C482                        | AECETS1H010B | AL CHEM CAPACITOR       | 1       | 1μF/50V                   |
| C483                        | AECETS1HR47B | AL CHEM CAPACITOR       | 1       | 0.47μF/50V                |
| C485                        | AECETS1H2R2B | AL CHEM CAPACITOR       | 1       | 2.2μF/50V                 |
| CN1                         | K1KA03AA0108 | CONNECTOR               | 1       | 5Pin                      |
| CN2                         | AEEMMF00703W | CONNECTOR               | 1       | 3Pin                      |
| CN3                         | F03526P40AG  | INV. HARNESS (U)        | 1       |                           |
| CN4                         | K1KA04AA0086 | CONNECTOR               | 1       |                           |
| CN5                         | AEEM9604S15F | CONNECTOR               | 1       | 15Pin                     |
| CN6                         | AEEM9604S15C | CONNECTOR               | 1       |                           |
| PIN1, PIN2                  | AEPINIPS-1E7 | PIN                     | 2       |                           |
| CX320                       | EFOEC8004A4  | CERAMIC RESONATOR       | 1       | 8MHz                      |
| IC1                         | MN101C54CFP  | L.S.I.                  | 1       |                           |
| IC480                       | C0ABBZ000017 | IC                      | 1       |                           |
| DISP110                     | AEDDHJ5W00AP | LCD                     | 1       |                           |
| DISPL1                      | F66175W00AP  | LCD HOLDER              | 1       |                           |
|                             | F67525E40XN  | DIFFUSION SHEET         | 1       |                           |
| Q181, Q220, Q225            | B1ABCF000010 | CHIP TRANSISTOR         | 3       |                           |
| Q221                        | B1ADCF000003 | CHIP TRANSISTOR         | 1       | (P994*FR APH/CPH)         |
| Q226                        | B1GDCFJJ0002 | CHIP DIGI-TRANSISTOR    | 1       |                           |
| Q182, Q223, Q224            | B1GBCFEL0002 | CHIP DIGI-TRANSISTOR    | 3       |                           |
| Q10, Q180                   | B1BAAJ000003 | TRANSISTOR              | 2       |                           |
| D180-D189                   | AESQPY1112CK | CHIP-LED                | 10      |                           |
| D40, D220, D221, D223, D225 | B0AACK000004 | DIODE                   | 5       |                           |
| D226, D227                  | B0AACK000004 | DIODE                   | 2       | (P994*FR APH/CPH)         |
| D10, D11, D12, D13          | AESSRCT1A6-E | DIODE                   | 4       |                           |
| D25                         | AERZ271KD10A | VARISTOR                | 1       | 270V                      |
| D26, D27                    | AERZ102KD10A | VARISTOR                | 2       | 1100V (CPH)               |
| R10, R11, R311              | AERDY2TJ102T | CARBON FILM RESISTOR    | 3       | 1KΩ, 1/4W, 5%             |
| R12, R180                   | AERDY2TJ103T | CARBON FILM RESISTOR    | 2       | 10KΩ, 1/4W, 5%            |
| R290                        | AERDY2TJ104T | CARBON FILM RESISTOR    | 1       | 100KΩ, 1/4W, 5%           |
| ZD10                        | B0BA5R600016 | ZENER DIODE             | 1       |                           |
| RY1                         | AEBGJC25F18  | POWER RELAY             | 1       |                           |
| RY2                         | K6B1AZA00011 | POWER RELAY             | 1       |                           |
| T10                         | AETP284T0AP  | LOW VOLTAGE TRANSFORMER | 1       | 120V                      |
| VZ340                       | AEVNNV6TL103 | VARISTOR                | 1       | 10KΩ                      |
| SW1-SW4, SW6-SW8, SW11-SW30 | EVQ11L05R    | SWITCH                  | 27      |                           |

## 6.9.2. NN-T995SF APH/CPH, T955SF/SM RPH, T985SF APH

| Ref. No.                          | Part No.     | Part Name & Description | Pcs/Set | Remarks          |
|-----------------------------------|--------------|-------------------------|---------|------------------|
| BZ310                             | AEBAT2001WQ  | BUZZER                  | 1       | 2.0KHZ           |
| C352                              | AECUU06C101J | CHIP CAPACITOR          | 1       | 100PF/50V        |
| C40-C48, C330, C331               | AECUU06R102K | CHIP CAPACITOR          | 11      | 1000PF/50V       |
| C80, C81, C222, C228, C484, C486  | AECUU06F103Z | CHIP CAPACITOR          | 6       | 0.01μF/50V       |
| C481                              | AECUU06F473Z | CHIP CAPACITOR          | 1       | 0.047μF/50V      |
| C15, C223, C350, C441             | AECUT06F104Z | CHIP CAPACITOR          | 4       | 0.1μF/25V        |
| C220, C221                        | AECUN06F105Z | CHIP CAPACITOR          | 2       | 1μF/10V          |
| C10                               | AECETK1V471B | AL CHEM CAPACITOR       | 1       | 470μF/35V        |
| C16                               | AECETS1C220B | AL CHEM CAPACITOR       | 1       | 22μF/16V         |
| C482                              | AECETS1H010B | AL CHEM CAPACITOR       | 1       | 1μF/50V          |
| C483                              | AECETS1HR47B | AL CHEM CAPACITOR       | 1       | 0.47μF/50V       |
| C485                              | AECETS1H2R2B | AL CHEM CAPACITOR       | 1       | 2.2μF/50V        |
| CN1                               | K1KA03AA0108 | CONNECTOR               | 1       |                  |
| CN2                               | K1KA03A00300 | CONNECTOR               | 1       | 3 Pin            |
| CN3                               | F03526P40AG  | INV. HARNESS (U)        | 1       |                  |
| CN4                               | K1KA04AA0086 | CONNECTOR               | 1       |                  |
| CN6                               | AEM9604S17C  | CONNECTOR               | 1       | 17Pin            |
| CN7                               | AEM9604S17F  | CONNECTOR               | 1       | 17Pin            |
| CN8                               | K1MN09BA0072 | CONNECTOR               | 1       |                  |
| CN9                               | F03547B40AP  | CONNECTOR               | 1       | 3 Pin            |
| CX320                             | EFOEC8004A4  | CERAMIC RESONATOR       | 1       | 8MHZ             |
| IC1                               | MN101C54CFY  | L.S.I.                  | 1       |                  |
| IC480                             | C0ABBZ000017 | IC                      | 1       |                  |
| DISP110                           | AEDDHJ4M00AP | LCD                     | 1       |                  |
| DISPL1                            | F66175E40XN  | LCD HOLDER              | 1       |                  |
|                                   | F67525E40XN  | DIFFUSION SHEET         | 1       |                  |
| Q181, Q220, Q225                  | B1ABCF000010 | CHIP TRANSISTOR         | 2       |                  |
| Q221                              | B1ADCF000003 | CHIP TRANSISTOR         | 1       |                  |
| Q222                              | B1GDCFJJ0002 | CHIP DIGI-TRANSISTOR    | 1       |                  |
| Q182, Q210, Q223                  | B1GBCFEL0002 | CHIP DIGI-TRANSISTOR    | 3       |                  |
| Q10, Q180                         | B1BAAJ000003 | TRANSISTOR              | 2       |                  |
| D180-D189                         | AESQPY1112CK | CHIP-LED                | 10      |                  |
| D40, D220, D221, D222, D223, D227 | B0AACK000004 | DIODE                   | 6       |                  |
| D10, D11, D12, D13                | AESSRCT1A6-E | DIODE                   | 4       |                  |
| D25                               | AERZ271KD10A | VARISTOR                | 1       | 270V             |
| D26, D27                          | AERZ102KD10A | VARISTOR                | 2       | 1000V (CPH, RPH) |
| R11, R16, R311                    | AERDY2TJ102T | CARBON FILM RESISTOR    | 3       | 1KΩ, 1/4W, 5%    |
| R12, R180                         | AERDY2TJ103T | CARBON FILM RESISTOR    | 2       | 10KΩ, 1/4W, 5%   |
| R290                              | AERDY2TJ104T | CARBON FILM RESISTOR    | 1       | 100KΩ, 1/4W, 5%  |
| ZD10                              | B0BA5R600016 | ZENER DIODE             | 1       |                  |
| RY1                               | AEBGJQC25F18 | POWER RELAY             | 1       |                  |
| RY2                               | K6B1AZA00011 | POWER RELAY             | 1       |                  |
| T10                               | AETP284T0AP  | LOW VOLTAGE TRANSFORMER | 1       |                  |
| RE80                              | EVEJ1HF2224B | REVOLVING ENCODER       | 1       |                  |
| VZ1                               | AEVNNV6TL103 | VARISTOR                | 1       | 10KΩ             |

### 6.9.3. NN-T975SF/T965SF/T945SF/T935SF APH, T964SFR APH, S955 APH, S954\*FR APH

| Ref. No.              | Part No.     | Part Name & Description | Pcs/Set | Remarks                             |
|-----------------------|--------------|-------------------------|---------|-------------------------------------|
| BZ310                 | AEBAT2001WQ  | BUZZER                  | 1       | 2.0KHz                              |
| C343                  | AECUU06C101J | CHIP CAPACITOR          | 1       | 100PF/50V                           |
| C330                  | AECUU06R102K | CHIP CAPACITOR          | 1       | 1000PF/50V                          |
| C221                  | AECUU06F103Z | CHIP CAPACITOR          | 1       | 0.01μF/50V                          |
| C484                  | AECUU06F103Z | CHIP CAPACITOR          | 1       | 0.01μF/50V (T9*5 APH, T964SFR APH)  |
| C481                  | AECUN06F473Z | CHIP CAPACITOR          | 1       | 0.047μF/50V (T9*5 APH, T964SFR APH) |
| C12, C340, C441       | AECUT06F104Z | CHIP CAPACITOR          | 3       | 0.1μF/25V                           |
| C222                  | AECUT06F104Z | CHIP CAPACITOR          | 1       | 0.1μF/25V (T9*5 APH, T964SFR APH)   |
| C10                   | AECETK1V471B | AL CHEM CAPACITOR       | 1       | 470μF/35V                           |
| C13                   | AECETS1C220B | AL CHEM CAPACITOR       | 1       | 22μF/16V                            |
| C482                  | AECETS1H010B | AL CHEM CAPACITOR       | 1       | 1μF/50V (T9*5 APH, T964SFR APH)     |
| C483                  | AECETS1HR47B | AL CHEM CAPACITOR       | 1       | 0.47μF/50V (T9*5 APH, T964SFR APH)  |
| C485                  | AECETS1H2R2B | AL CHEM CAPACITOR       | 1       | 2.2μF/50V (T9*5 APH, T964SFR APH)   |
| CN1                   | K1KA03AA0108 | CONNECTOR               | 1       |                                     |
| CN2                   | AEEMMF00703W | CONNECTOR               | 1       | 3 Pin (T9*5 APH, T964SFR APH)       |
| CN3                   | F03526P40AG  | INV. HARNESS (U)        | 1       |                                     |
| CN4                   | K1KA04AA0086 | CONNECTOR               | 1       |                                     |
| CN6                   | K1MN09AA0040 | CONNECTOR               | 1       |                                     |
| CX320                 | EFOEC8004A4  | CERAMIC RESONATOR       | 1       | 8MHz                                |
| IC1                   | MN101C54CFP  | L.S.I.                  | 1       |                                     |
| IC480                 | C0ABBZ000017 | IC                      | 1       | (T9*5 APH, T964SFR APH)             |
| DISP110               | AEDDHJ4M00AP | LCD                     | 1       |                                     |
| DISPL1                | F66175E40XN  | LCD HOLDER              | 1       |                                     |
|                       | F67525E40XN  | DIFFUSION SHEET         | 1       |                                     |
| Q181, Q220, Q225      | B1ABCF000010 | CHIP TRANSISTOR         | 3       |                                     |
| Q226                  | B1GDCFJJ0002 | CHIP DIGI-TRANSISTOR    | 1       |                                     |
| Q182, Q210, Q223      | B1GBCFEL0002 | CHIP DIGI-TRANSISTOR    | 3       |                                     |
| Q10, Q180             | B1BAAJ000003 | TRANSISTOR              | 2       |                                     |
| D180-D189             | AESQPY1112CK | CHIP-LED                | 10      |                                     |
| D40, D220, D221, D223 | B0AACK000004 | DIODE                   | 4       |                                     |
| D10, D11, D12, D13    | AESSRCT1A6-E | DIODE                   | 4       |                                     |
| D25                   | AERZ271KD10A | VARISTOR                | 1       | 270V                                |
| R10, R11, R311        | AERDY2TJ102T | CARBON FILM RESISTOR    | 3       | 1KΩ, 1/4W, 5%                       |
| R12, R180             | AERDY2TJ103T | CARBON FILM RESISTOR    | 2       | 10KΩ, 1/4W, 5%                      |
| R290                  | AERDY2TJ104T | CARBON FILM RESISTOR    | 1       | 100KΩ, 1/4W, 5%                     |
| ZD10                  | B0BA5R600016 | ZENER DIODE             | 1       |                                     |
| RY1                   | AEBGJQC25F18 | POWER RELAY             | 1       |                                     |
| RY2                   | K6B1AZA00011 | POWER RELAY             | 1       |                                     |
| T10                   | AETP284T0AP  | LOW VOLTAGE TRANSFORMER | 1       | 120V                                |
| VZ340                 | AEVNNV6TL103 | VARISTOR                | 1       | 10KΩ                                |

#### 6.9.4. NN-H965 APH/CPH, H935 APH

| Ref. No.                          | Part No.     | Part Name & Description | Pcs/Set | Remarks        |
|-----------------------------------|--------------|-------------------------|---------|----------------|
| BZ310                             | AEBAT2001WQ  | BUZZER                  | 1       | 2.0KHz         |
| C352                              | AECU006C101J | CHIP CAPACITOR          | 1       | 100PF/50V      |
| C330, C331                        | AECU006R102K | CHIP CAPACITOR          | 2       | 1000PF/50V     |
| C222, C484, C486                  | AECU006F103Z | CHIP CAPACITOR          | 3       | 0.01μF/50V     |
| C481                              | AECUN06F473Z | CHIP CAPACITOR          | 1       | 0.047μF/50     |
| C15, C223, C350, C440             | AECUT06F104Z | CHIP CAPACITOR          | 4       | 0.1μF/25V      |
| C220, C221                        | AECUN06F105Z | CHIP CAPACITOR          | 2       | 1μF/10V        |
| C10                               | AECETK1V471B | AL CHEM CAPACITOR       | 1       | 470μF/35V      |
| C13                               | AECETS1C220B | AL CHEM CAPACITOR       | 1       | 22μF/16V       |
| C482                              | AECETS1H010B | AL CHEM CAPACITOR       | 1       | 1μF/50V        |
| C483                              | AECETS1HR47B | AL CHEM CAPACITOR       | 1       | 0.47μF/50V     |
| C485                              | AECETS1H2R2B | AL CHEM CAPACITOR       | 1       | 2.2μF/50V      |
| CN1                               | K1KA03AA0108 | CONNECTOR               | 1       | 5Pin           |
| CN2                               | AEEMMF00703W | CONNECTOR               | 1       | 3Pin           |
| CN3                               | F03526P40AG  | INV. HARNESS (U)        | 1       |                |
| CN4                               | K1KA04AA0086 | CONNECTOR               | 1       |                |
| CN6                               | AEEM9604S15C | CONNECTOR               | 1       |                |
| CN7                               | AEEM9604S15F | CONNECTOR               | 1       | 15Pin          |
| CN8                               | K1MN09BA0072 | CONNECTOR               | 1       |                |
| CN9, CN10                         | F03547B40AP  | CONNECTOR               | 2       | 3Pin           |
| CN13, CN14                        | AEPINIPS-1E7 | PIN                     | 2       |                |
| CX320                             | EFOEC8004A4  | CERAMIC RESONATOR       | 1       | 8MHz           |
| IC1                               | MN101C54CFP  | L.S.I.                  | 1       |                |
| IC480                             | C0ABBZ000017 | IC                      | 1       |                |
| DISP110                           | AEDDHJ5W00AP | LCD                     | 1       |                |
| DISPL1                            | F66175E40XN  | LCD HOLDER              | 1       |                |
| Q181, Q220, Q225                  | B1ABCF000010 | CHIP TRANSISTOR         | 3       |                |
| Q221                              | B1ADCF000003 | CHIP TRANSISTOR         | 1       |                |
| Q222                              | B1GDCFJJ0002 | CHIP DIGI-TRANSISTOR    | 1       |                |
| Q182, Q223, Q224                  | B1GBCFEL0002 | CHIP DIGI-TRANSISTOR    | 3       |                |
| Q10, Q180                         | B1BAAJ000003 | TRANSISTOR              | 2       |                |
| D180-D189                         | AESQPY1112CK | CHIP-LED                | 10      |                |
| D40, D220, D221, D223, D225, D227 | B0AACK000004 | DIODE                   | 6       |                |
| D10, D11, D12, D13                | AESSRCT1A6-E | DIODE                   | 4       |                |
| D25                               | AERZ271KD10A | VARISTOR                | 1       | 270V           |
| D26, D27                          | AERZ102KD10A | VARISTOR                | 2       | 1100V (CPH)    |
| R10, R11, R311                    | AERDY2TJ102T | CARBON FILM RESISTOR    | 3       | 1KΩ, 1/4W, 5%  |
| R180                              | AERDY2TJ103T | CARBON FILM RESISTOR    | 1       | 10KΩ, 1/4W, 5% |
| R290                              | AERDY2TJ104T | CARBON FILM RESISTOR    | 1       | 100K, 1/4W, 5% |
| ZD10                              | B0BA5R600016 | ZENER DIODE             | 1       |                |
| RY1                               | AEBGJQC25F18 | POWER RELAY             | 1       |                |
| RY2                               | K6B1AZA00011 | POWER RELAY             | 1       |                |
| T10                               | AETP284T0AP  | LOW VOLTAGE TRANSFORMER | 1       | 120V           |
| VZ340                             | AEVNNV6TL103 | VARISTOR                | 1       | 10KΩ           |
| SW1, SW2, SW10, SW12, SW13        | EVQ11L05R    | SWITCH                  | 5       |                |

## 6.9.5. NN-S935 APH

| Ref. No.                          | Part No.     | Part Name & Description | Pcs/Set | Remarks        |
|-----------------------------------|--------------|-------------------------|---------|----------------|
| BZ310                             | AEFBAT2001WQ | BUZZER                  | 1       | 2.0KHz         |
| C352                              | AECUU06C101J | CHIP CAPACITOR          | 1       | 100PF/50V      |
| C330                              | AECUU06R102K | CHIP CAPACITOR          | 1       | 1000PF/50V     |
| C222                              | AECUU06F103Z | CHIP CAPACITOR          | 1       | 0.01μF/50V     |
| C15, C223, C350, C440             | AECUT06F104Z | CHIP CAPACITOR          | 4       | 0.1μF/25V      |
| C220, C221                        | AECUN06F105Z | CHIP CAPACITOR          | 2       | 1μF/10V        |
| C12                               | AECETK1V471B | AL CHEM CAPACITOR       | 1       | 470μF/35V      |
| C13, C16                          | AECETS1C220B | AL CHEM CAPACITOR       | 2       | 22μF/16V       |
| CN1                               | K1KA03AA0105 | CONNECTOR               | 1       |                |
| CN3                               | F03524U50AP  | INV. HARNESS (U)        | 1       |                |
| CN4                               | K1KA04AA0086 | CONNECTOR               | 1       |                |
| CN6                               | AEM9604S15C  | CONNECTOR               | 1       |                |
| CN7                               | AEM9604S15F  | CONNECTOR               | 1       | 15Pin          |
| CN8                               | K1MN09BA0072 | CONNECTOR               | 1       |                |
| CN9, CN10                         | F63547B00AP  | CONNECTOR               | 2       | 3Pin           |
| CN13, CN14                        | AEPINIPS-1E7 | PIN                     | 2       |                |
| CX320                             | EFOEC8004A4  | CERAMIC RESONATOR       | 1       | 8MHz           |
| IC1                               | MN101C78ADE  | L.S.I.                  | 1       |                |
| IC350                             | C0EBE0000401 | IC                      | 1       |                |
| DISP110                           | AEDDHJ7B40AP | LCD                     | 1       |                |
|                                   | F66177D60AP  | LCD HOLDER              | 1       |                |
| Q221                              | B1ADCF000003 | CHIP TRANSISTOR         | 1       |                |
| Q11, Q181, Q220, Q225             | B1ABCF000010 | CHIP TRANSISTOR         | 4       |                |
| Q182, Q223, Q224, Q331            | B1GBCFEL0002 | CHIP DIGI-TRANSISTOR    | 4       |                |
| Q222, Q330                        | B1GDCFJJ0002 | CHIP DIGI-TRANSISTOR    | 2       |                |
| Q10, Q180                         | B1BAAJ000003 | TRANSISTOR              | 2       |                |
| D180-D183                         | AESQPY1112CK | CHIP-LED                | 4       |                |
| D40, D220, D221, D223, S225, D227 | B0AACK000004 | DIODE                   | 6       |                |
| D10, D11, D12, D13                | AESSRCT1A6-E | DIODE                   | 4       |                |
| D25                               | AERZ271KD10A | VARISTOR                | 1       | 270V           |
| R10, R11, R44, R311               | AERDY2TJ102T | CARBON FILM RESISTOR    | 4       | 1KΩ, 1/4W, 5%  |
| R12                               | AERDY2TJ103T | CARBON FILM RESISTOR    | 1       | 10KΩ, 1/4W, 5% |
| R290                              | AERDY2TJ104T | CARBON FILM RESISTOR    | 1       | 100K, 1/4W, 5% |
| ZD10                              | B0BA5R600016 | ZENER DIODE             | 1       |                |
| ZD11                              | B0BA4R400002 | ZENER DIODE             | 1       |                |
| RY1                               | AEBGJQC25F18 | POWER RELAY             | 1       |                |
| RY2                               | K6B1AZA00011 | POWER RELAY             | 1       |                |
| T10                               | AETP284T0AP  | LOW VOLTAGE TRANSFORMER | 1       | 120V           |
| VZ1                               | AEVNNV6TL103 | VARISTOR                | 1       | 10KΩ           |
| SW1, SW2, SW10, SW12, SW13        | EVQ11L05R    | SWITCH                  | 5       |                |

## 6.9.6. NN-S955 RPH, S934\*FR APH

| Ref. No.              | Part No.     | Part Name & Description | Pcs/Set | Remarks        |
|-----------------------|--------------|-------------------------|---------|----------------|
| BZ310                 | AEBAT2001WQ  | BUZZER                  | 1       | 2.0KHz         |
| C352                  | AECUU06C101J | CHIP CAPACITOR          | 1       | 100PF/50V      |
| C330                  | AECUU06R102K | CHIP CAPACITOR          | 1       | 1000PF/50V     |
| C222                  | AECUU06F103Z | CHIP CAPACITOR          | 1       | 0.01μF/50V     |
| C11, C223, C350, C440 | AECUT06F104Z | CHIP CAPACITOR          | 4       | 0.1μF/25V      |
| C220, C221            | AECUN06F105Z | CHIP CAPACITOR          | 2       | 1μF/10V        |
| C12                   | AECETK1V471B | AL CHEM CAPACITOR       | 1       | 470μF/35V      |
| C13, C16              | AECETS1C220B | AL CHEM CAPACITOR       | 2       | 22μF/16V       |
| CN1                   | K1KA03AA0108 | CONNECTOR               | 1       |                |
| CN3                   | F03524U50AP  | INV. HARNESS (U)        | 1       |                |
| CN4                   | K1KA04AA0086 | CONNECTOR               | 1       |                |
| CN8                   | K1MN09AA0040 | CONNECTOR               | 1       |                |
| CX320                 | EFOEC8004A4  | CERAMIC RESONATOR       | 1       | 8MHz           |
| IC1                   | MN101C78ADE  | L.S.I.                  | 1       |                |
| IC350                 | C0EBE0000401 | IC                      | 1       |                |
| DISP110               | AEDDHJ7D40AP | LCD                     | 1       |                |
| DISPL1                | F66174U20AP  | LCD HOLDER              | 1       |                |
| Q220                  | B1ADCF000003 | CHIP TRANSISTOR         | 1       |                |
| Q11, Q181, Q224, Q231 | B1ABCF000010 | CHIP TRANSISTOR         | 4       |                |
| Q222, Q330            | B1GDCFJJ0002 | CHIP DIGI-TRANSISTOR    | 2       |                |
| Q182, Q210, Q331      | B1GBCFEL0002 | CHIP DIGI-TRANSISTOR    | 3       |                |
| Q10, Q180             | B1BAAJ000003 | TRANSISTOR              | 2       |                |
| D180-D183             | AESQPY1112CK | CHIP-LED                | 4       |                |
| D10-D13               | AESSRCT1A6-E | DIODE                   | 4       |                |
| D220-D224, D227       | B0AACK000004 | DIODE                   | 6       |                |
| D25                   | AERZ271KD10A | VARISTOR                | 1       | 270V           |
| D26, D27              | AERZ102KD10A | VARISTOR                | 2       | 1100V (RPH)    |
| R211                  | AERDY2TJ102T | CARBON FILM RESISTOR    | 1       | 1KΩ, 1/4W, 5%  |
| R228, R352            | AERDY2TJ104T | CARBON FILM RESISTOR    | 2       | 100K, 1/4W, 5% |
| R225                  | AERDY2TJ470T | CARBON FILM RESISTOR    | 1       | 47Ω, 1/4W, 5%  |
| ZD10                  | B0BA5R600016 | ZENER DIODE             | 1       |                |
| ZD11                  | B0BA4R400002 | ZENER DIODE             | 1       |                |
| RY1                   | AEBGJQC25F18 | POWER RELAY             | 1       |                |
| RY2                   | K6B1AZA00011 | POWER RELAY             | 1       |                |
| T10                   | AETP284T0AP  | LOW VOLTAGE TRANSFORMER | 1       |                |
| VZ490                 | AEVNNV6TL103 | VARISTOR                | 1       | 10KΩ           |

01/05  
S-7A0, S-7A1  
S-7A2, S-7A3  
S-7A4, S-7A5  
S-7A6, S-7A7  
S-7A8, S-7A9  
S-7B0, S-7B1  
S-7B2, S-7B3  
S-7B4, S-7E3  
S-7E4, S-7G0  
S-7G1  
Printed in China